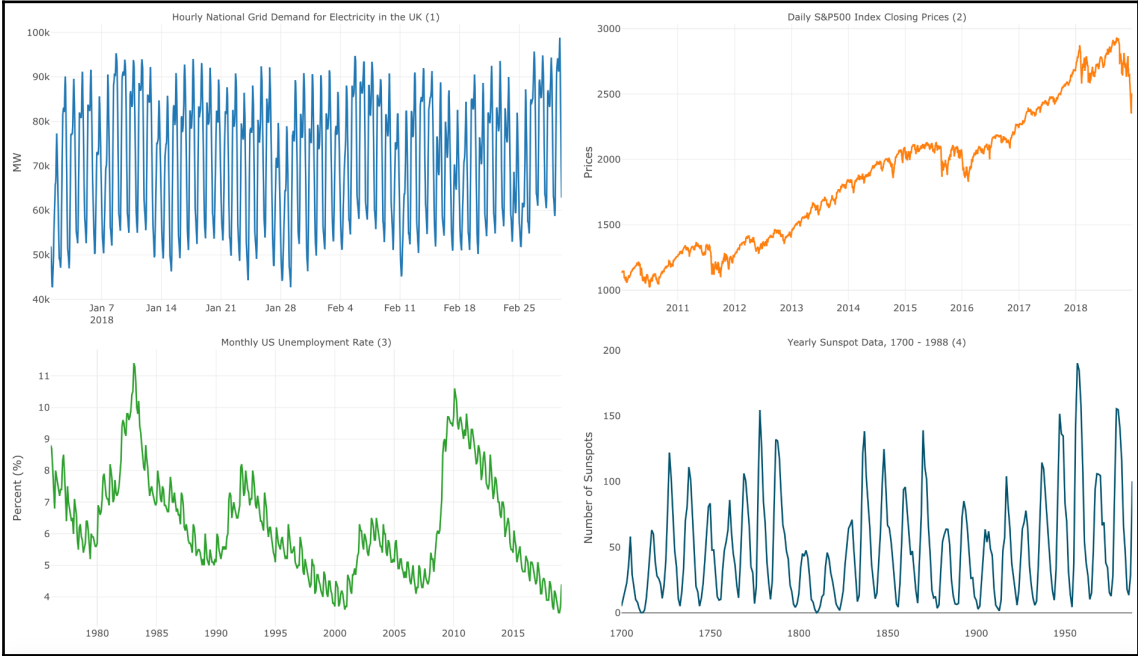
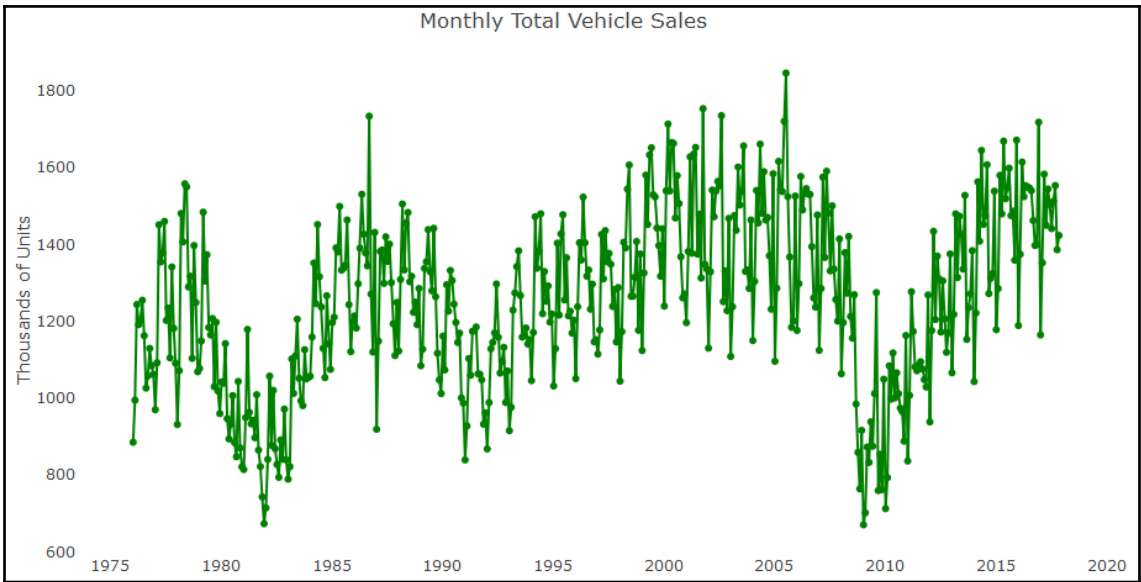
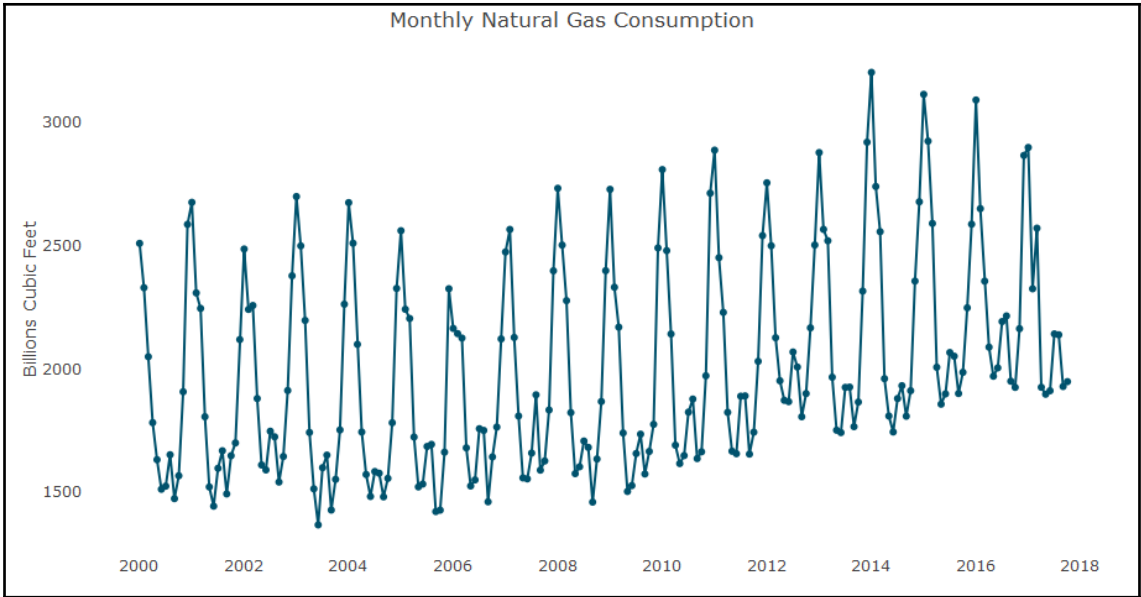
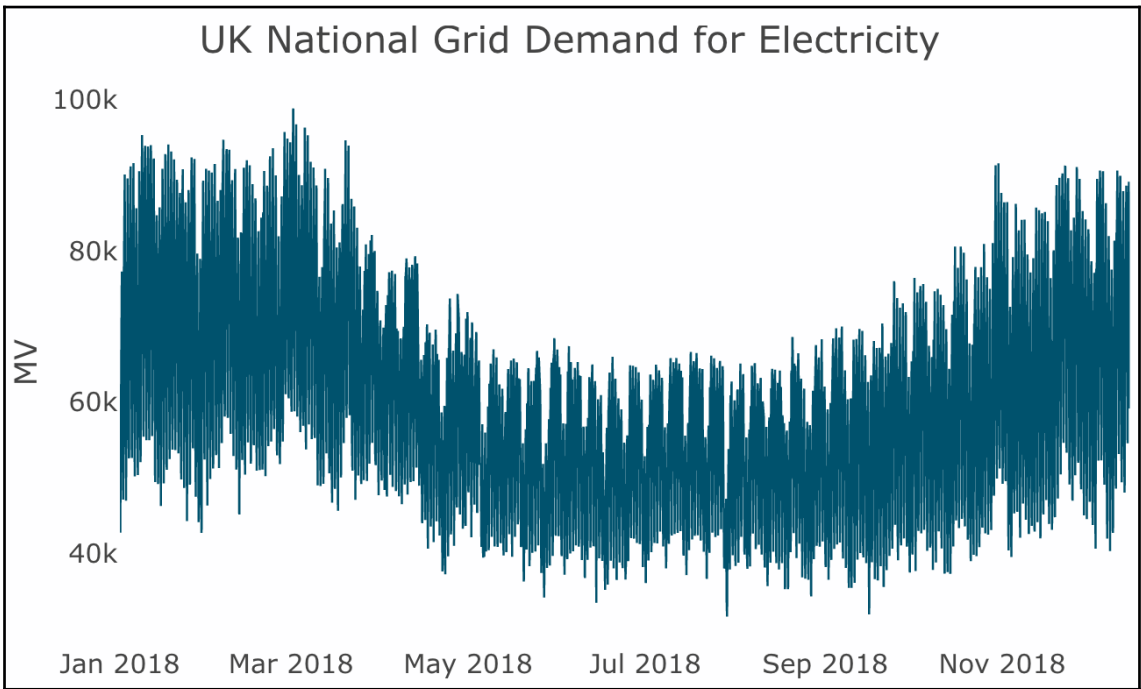
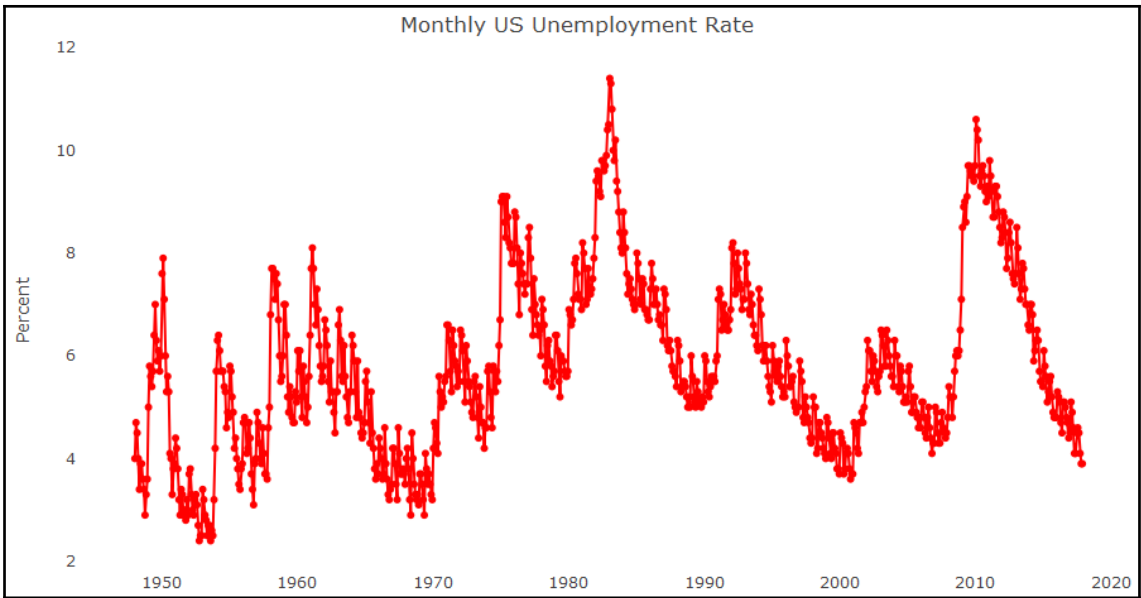
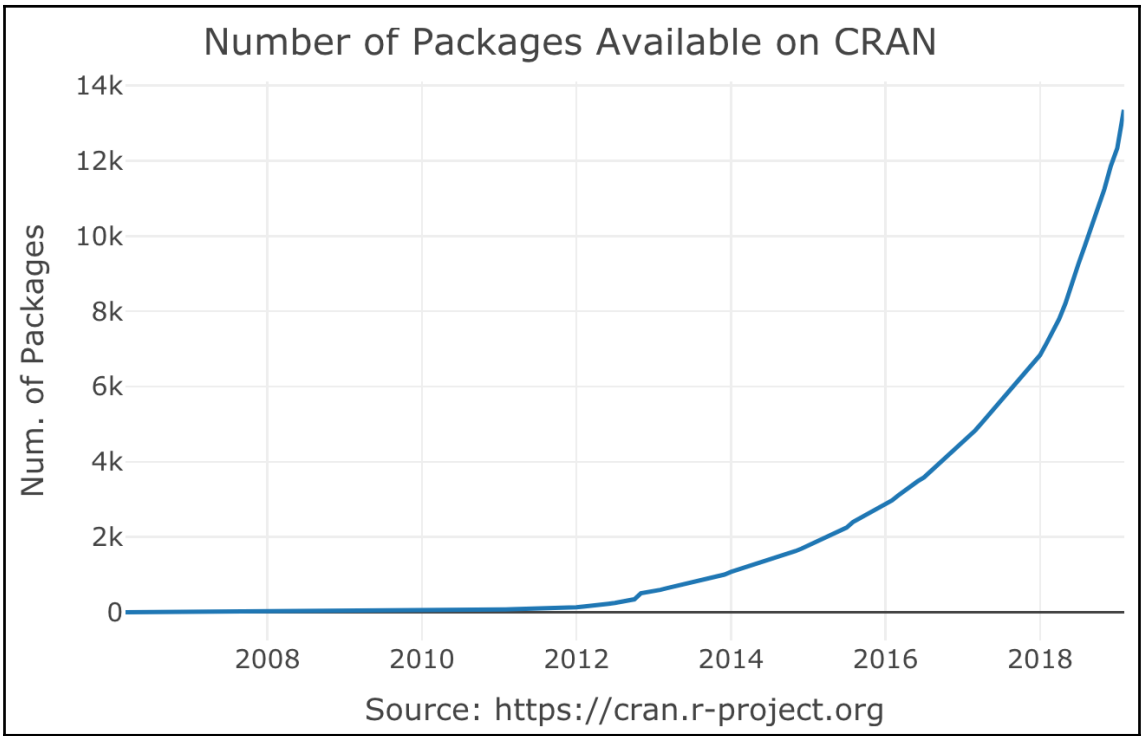


Chapter 1: Introduction to Time Series Analysis and R

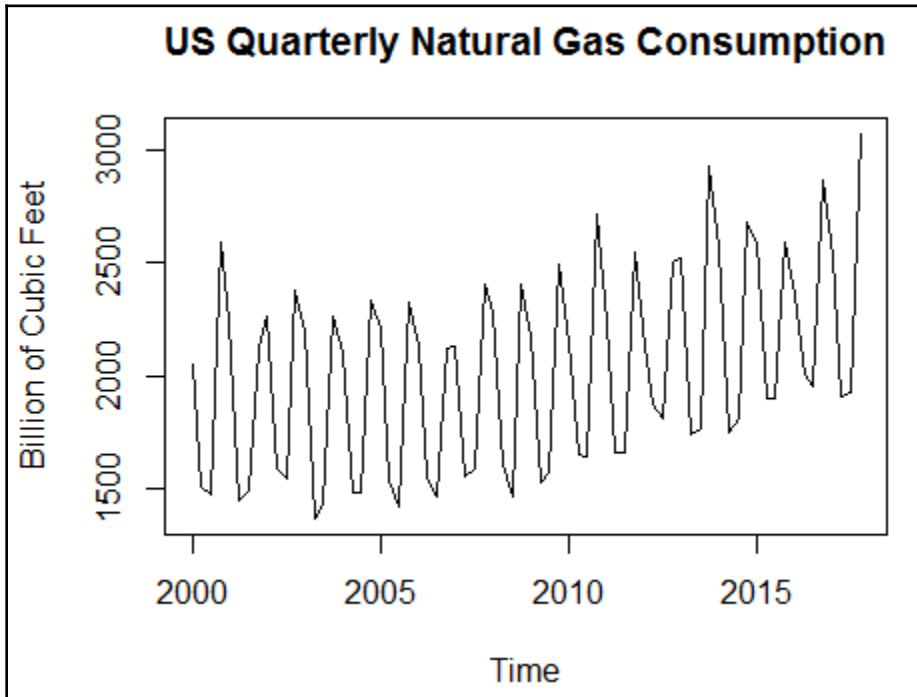




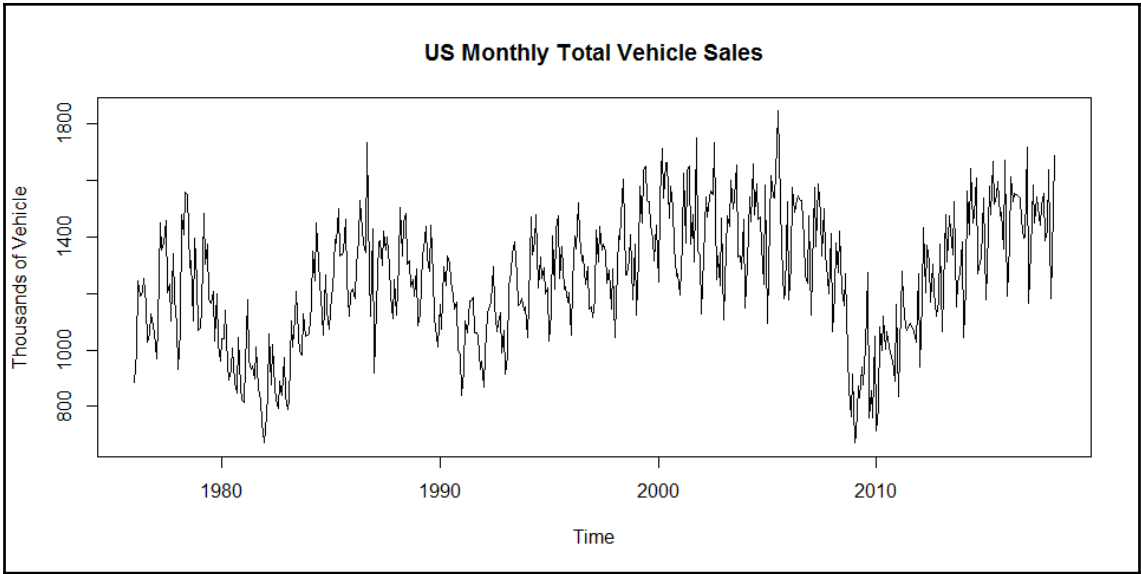


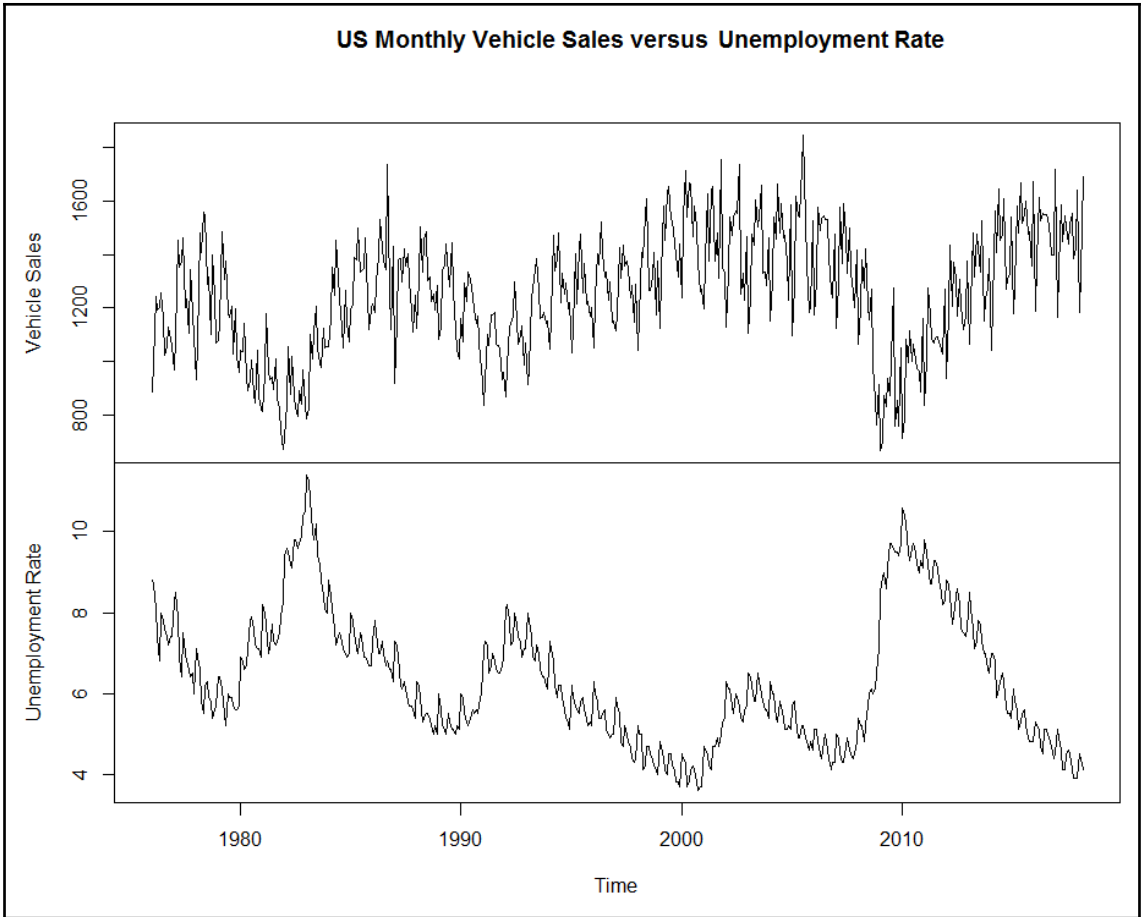


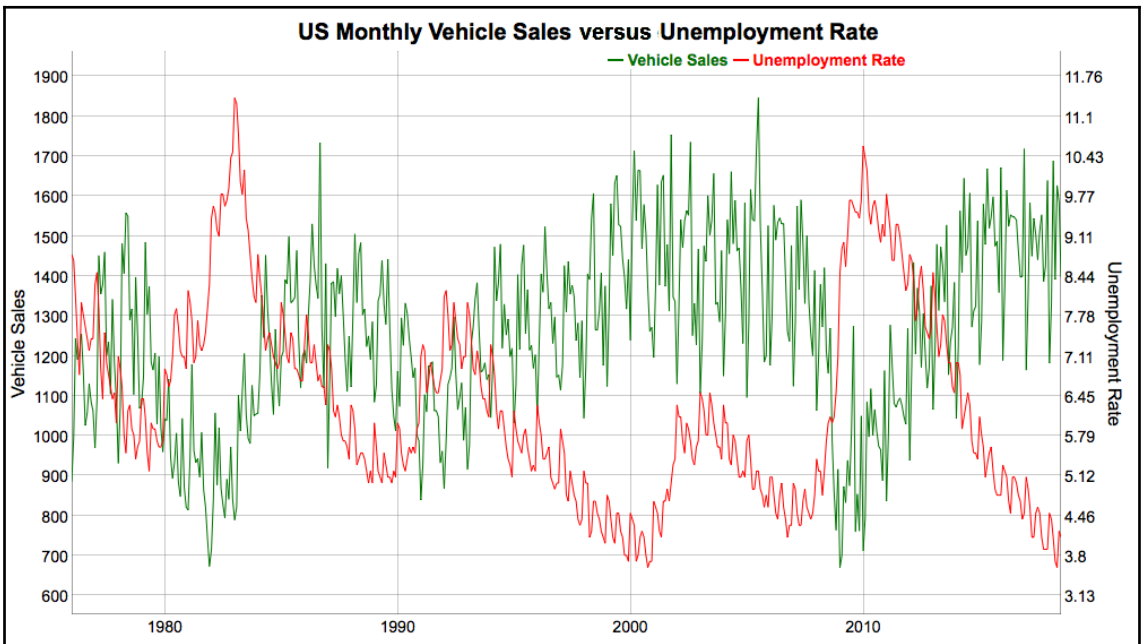
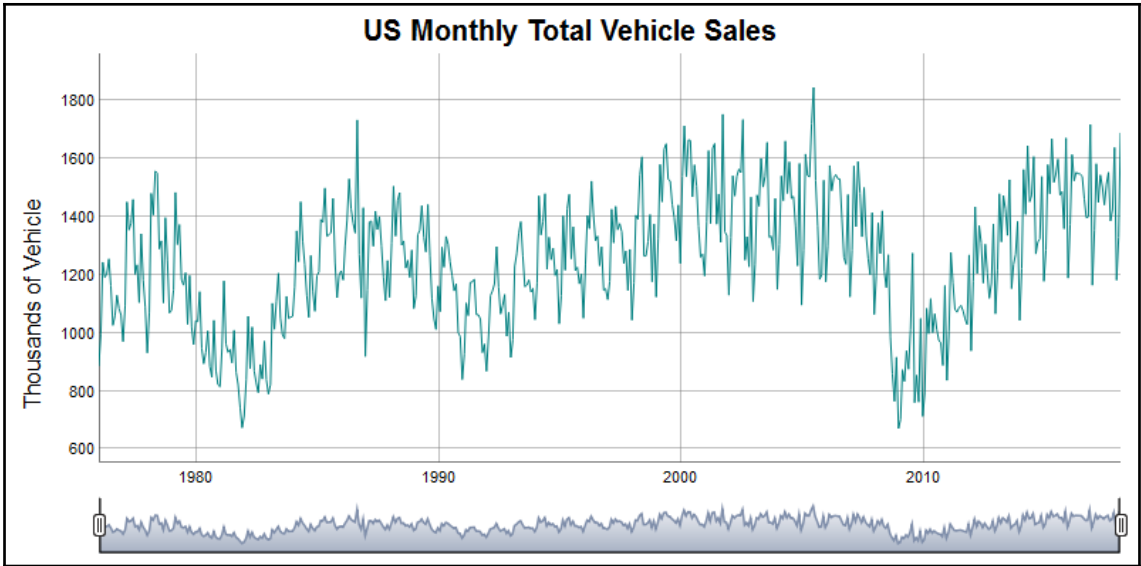
Chapter 3: The Time Series Object

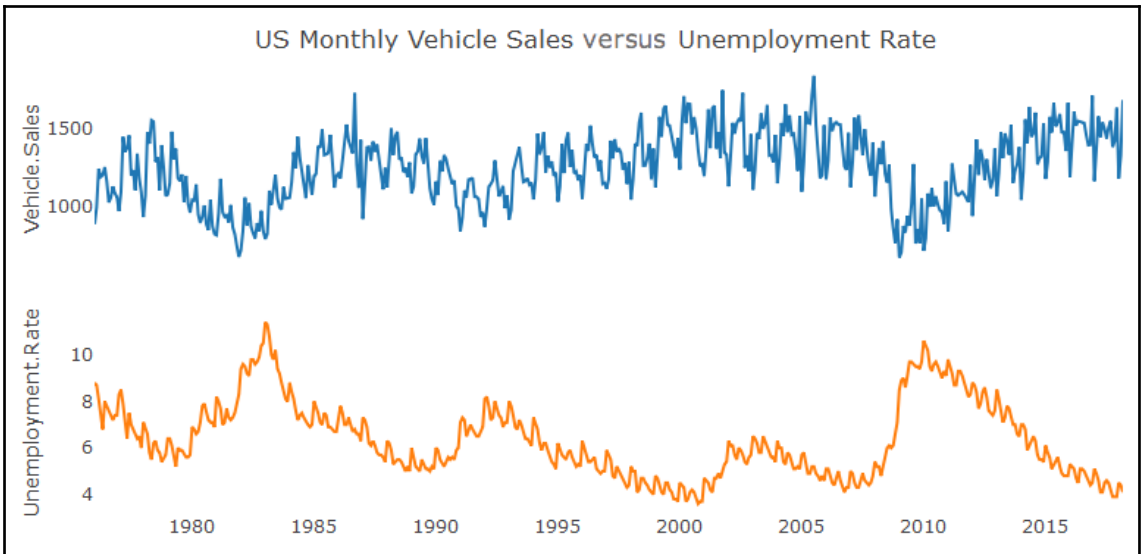
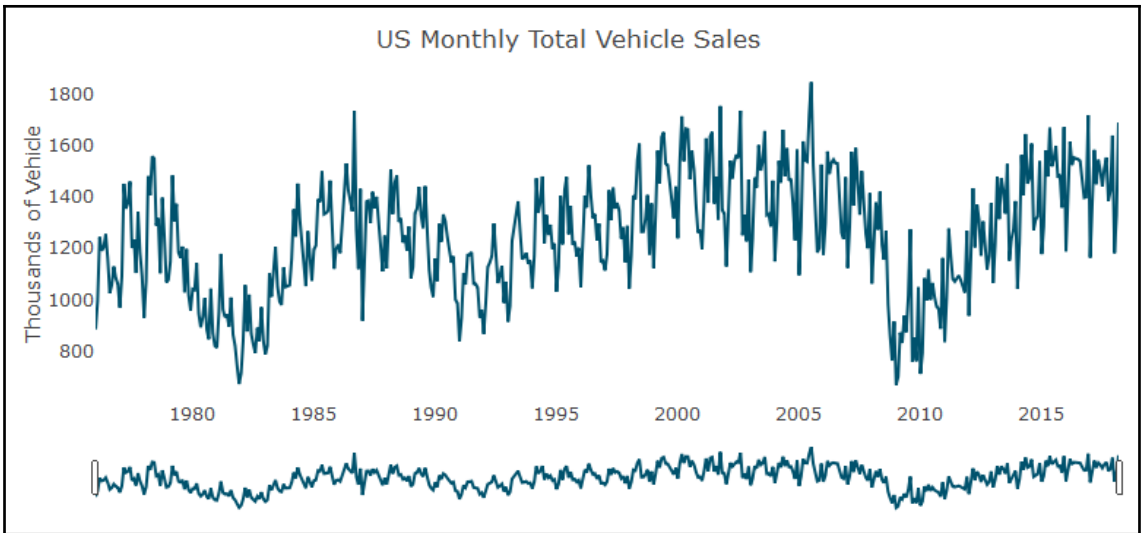


Timestamp	Lag-1	Series	Lead -1
Jan-18	NA	3	5.5
Feb-18	3	5.5	4.7
Mar-18	5.5	4.7	3.6
Apr-18	4.7	3.6	2.5
May-18	3.6	2.5	4.3
Jun-18	2.5	4.3	2.8
Jul-18	4.3	2.8	2.2
Aug-18	2.8	2.2	1.9
Sep-18	2.2	1.9	3.6
Oct-18	1.9	3.6	4.3
Nov-18	3.6	4.3	2.9
Dec-18	4.3	2.9	NA

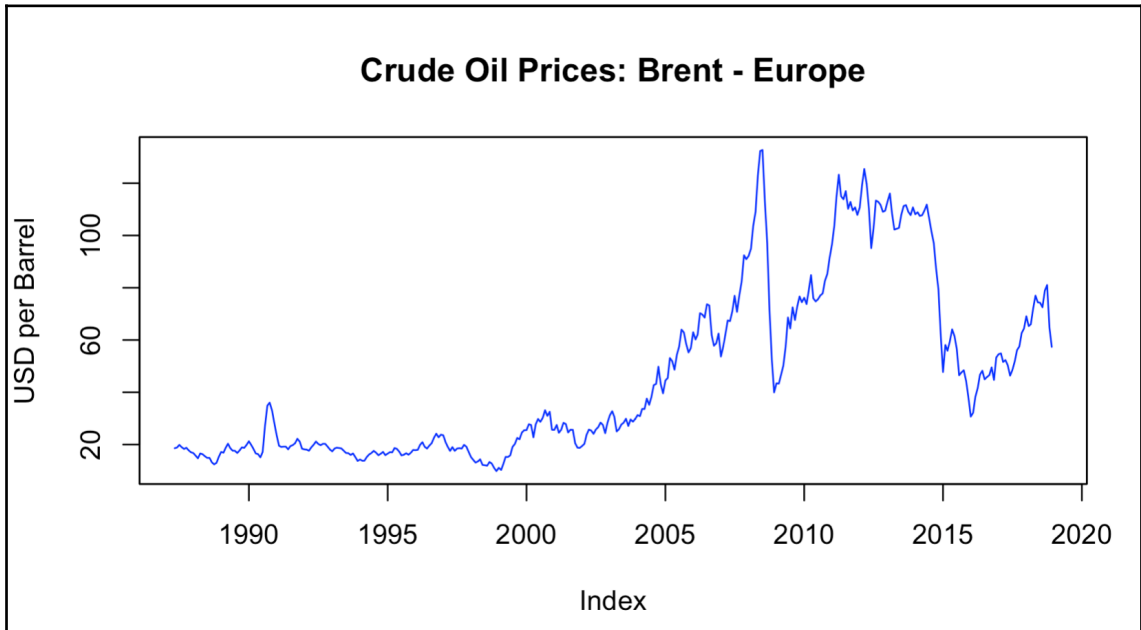


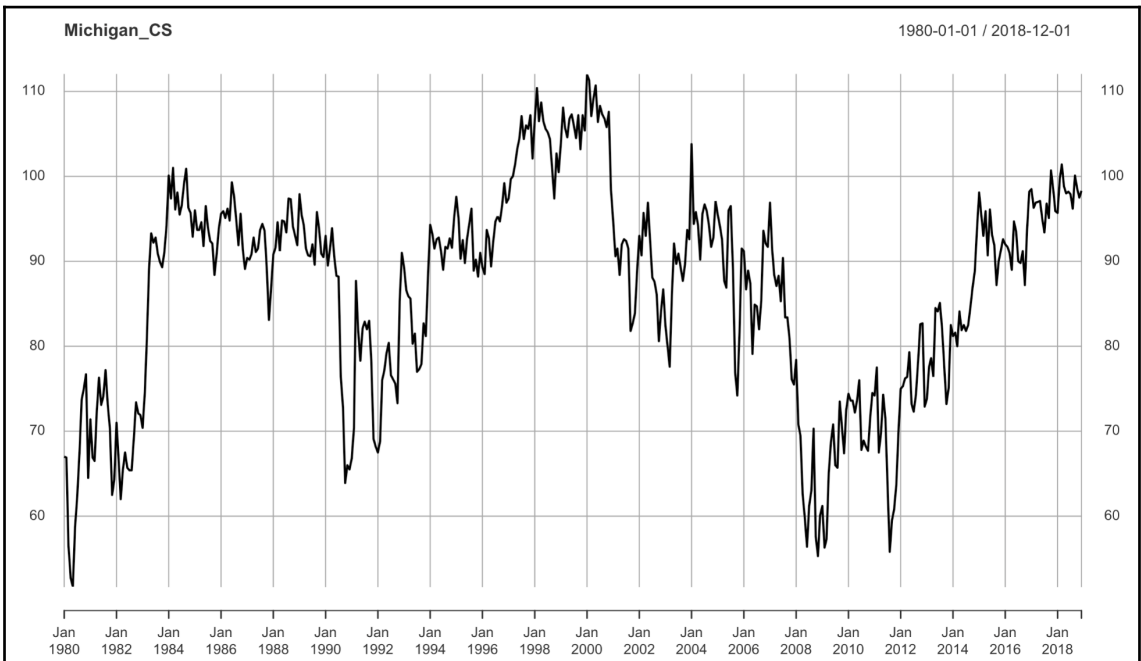
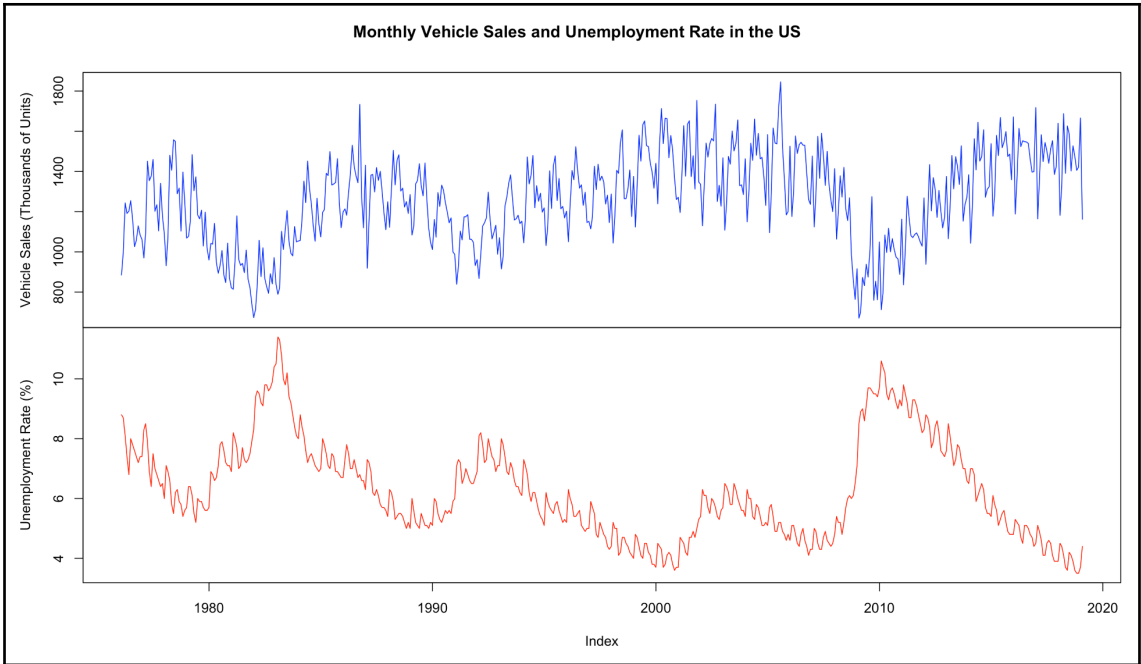


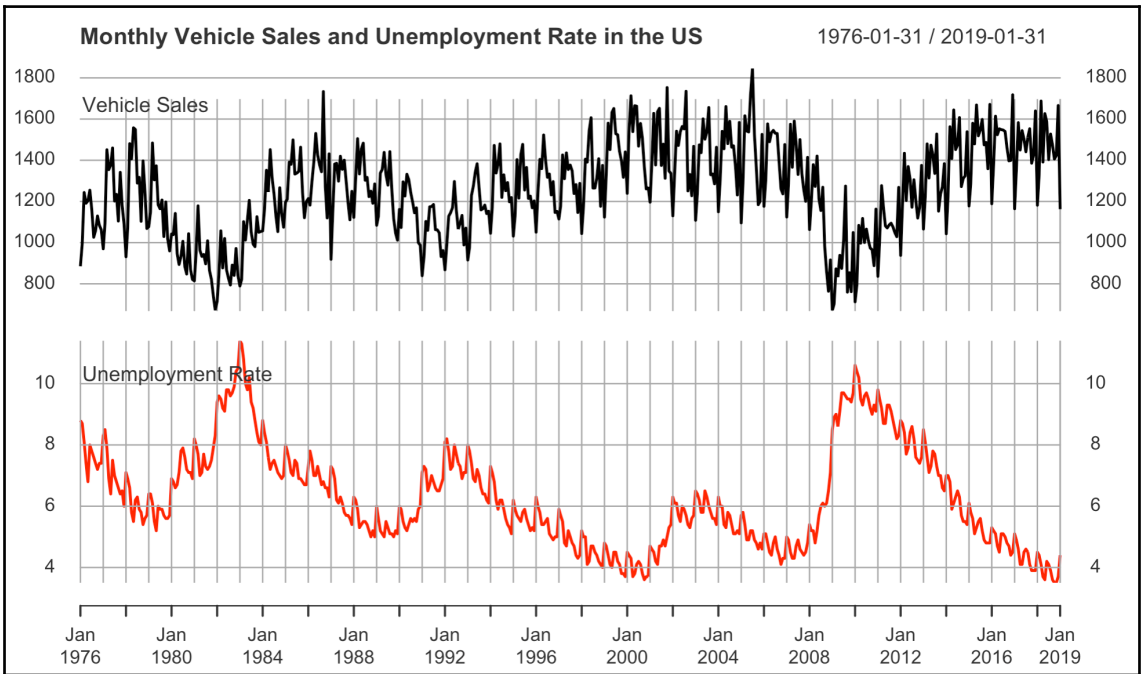
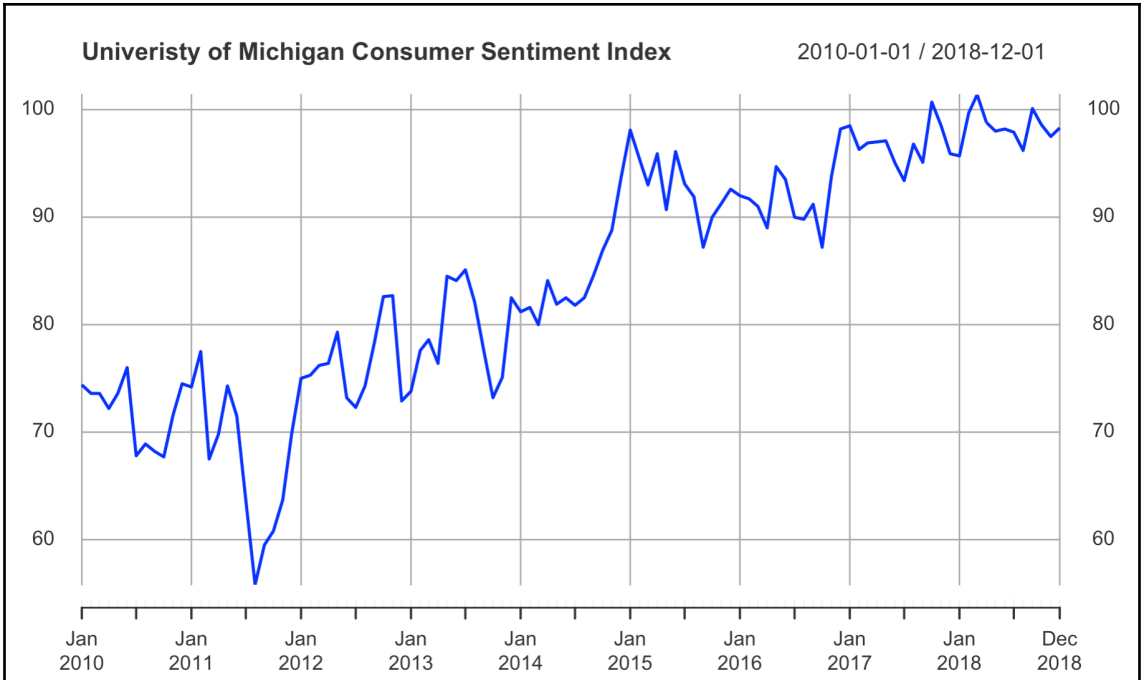


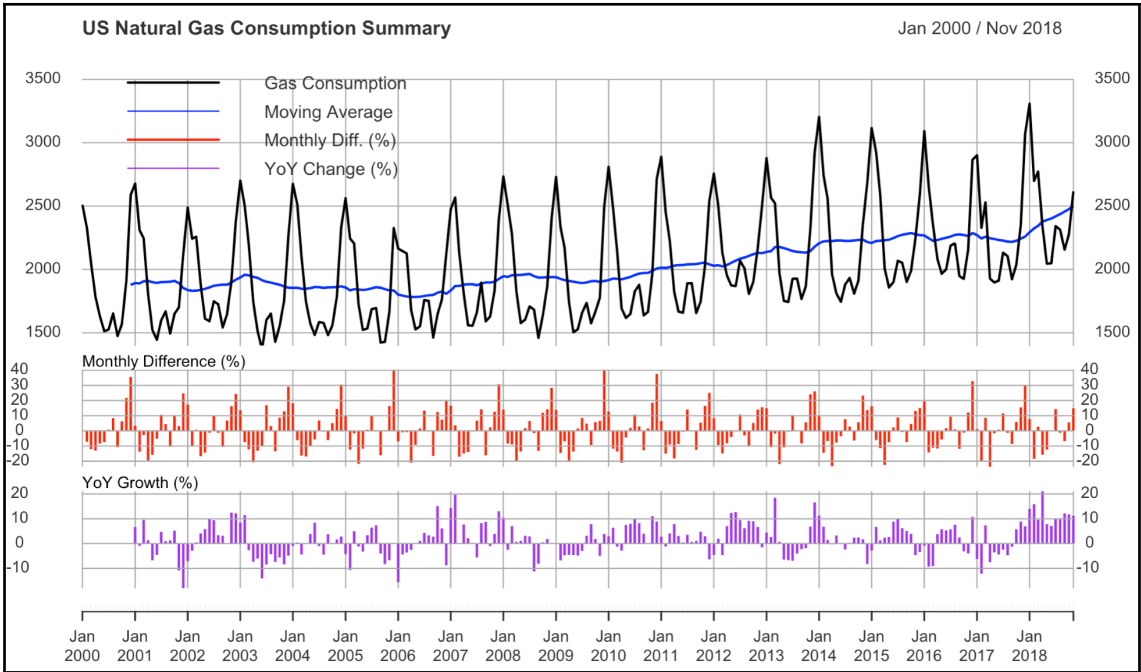


Chapter 4: Working with zoo and xts Objects

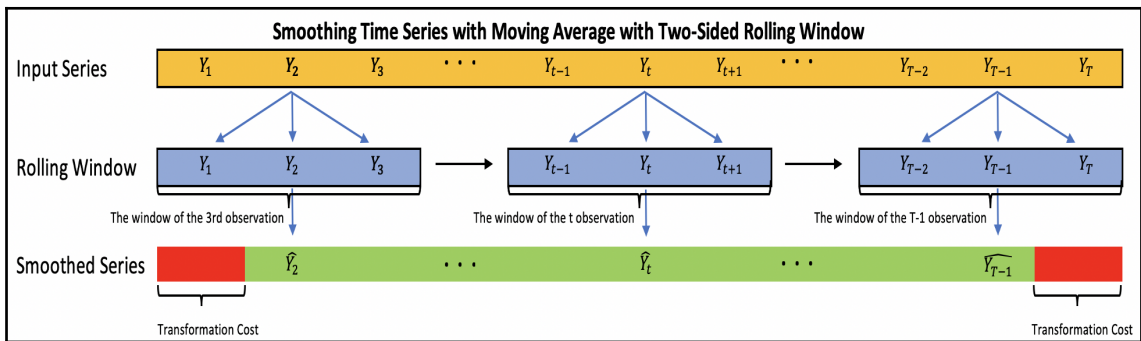
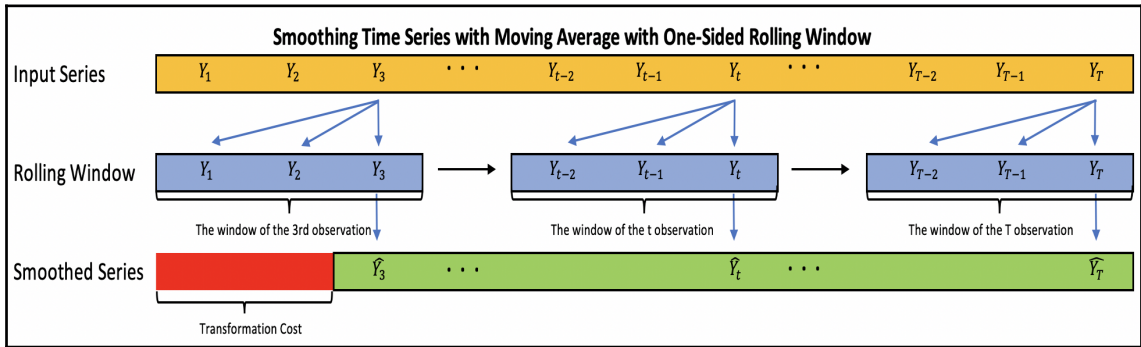


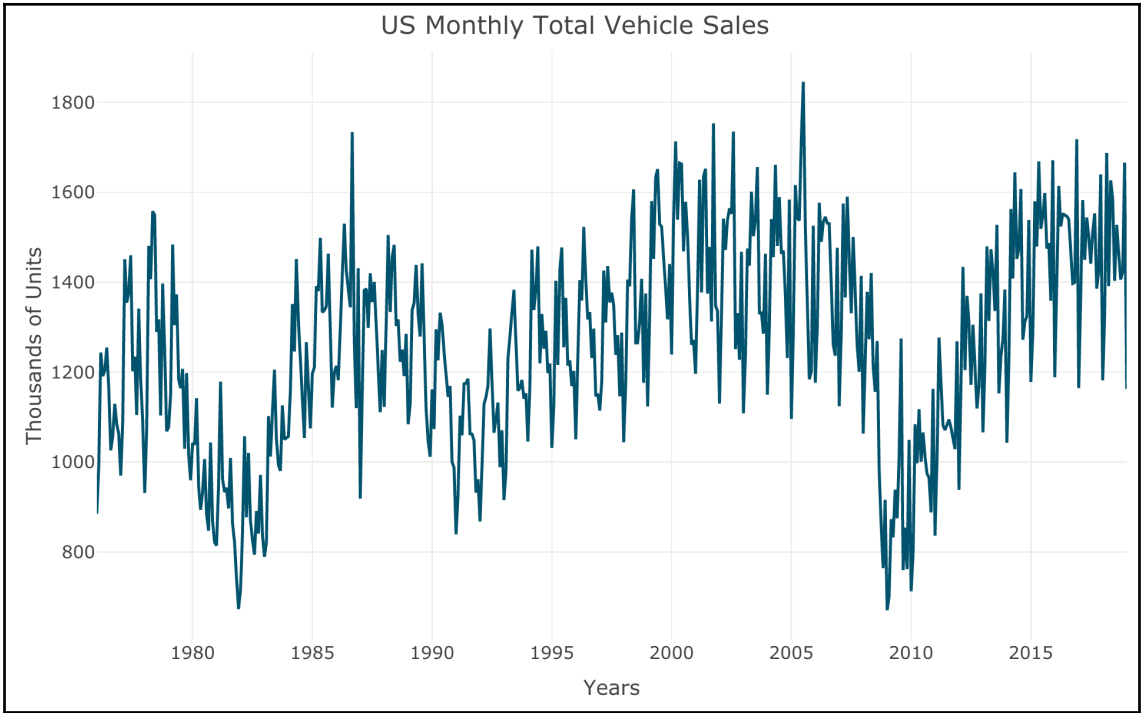


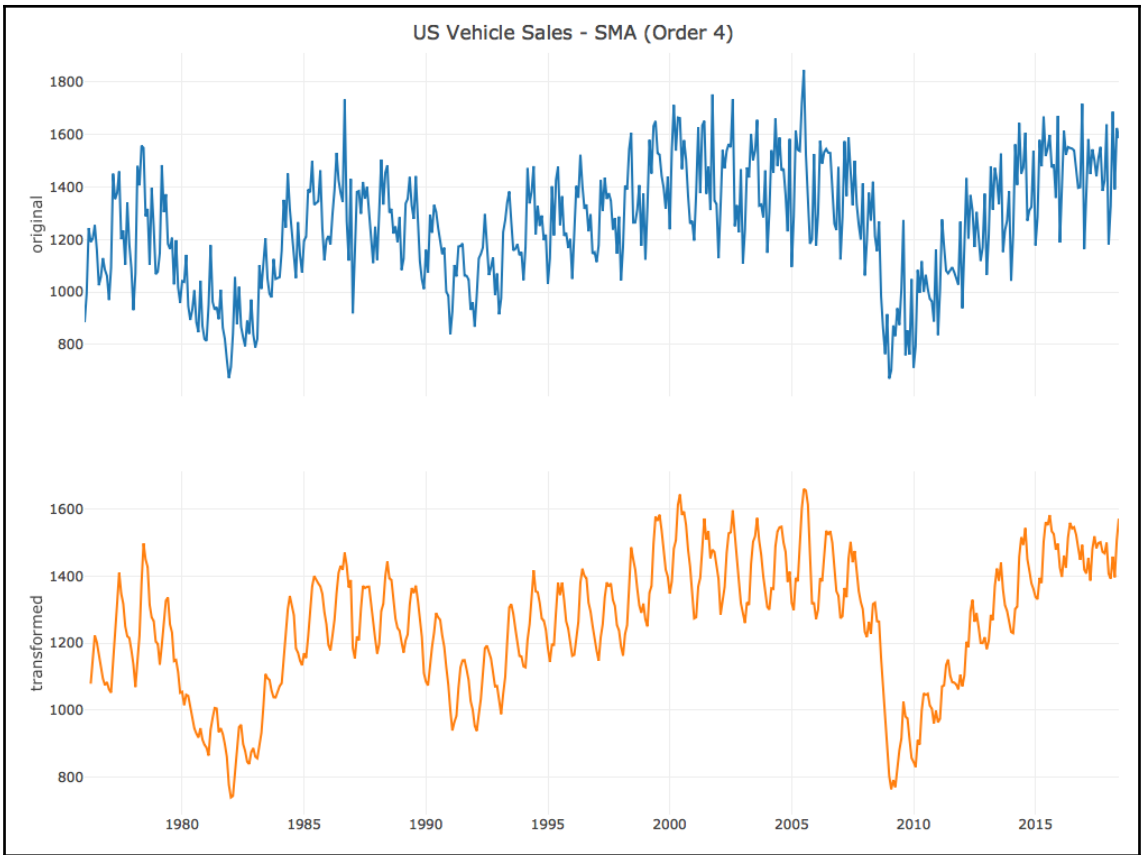


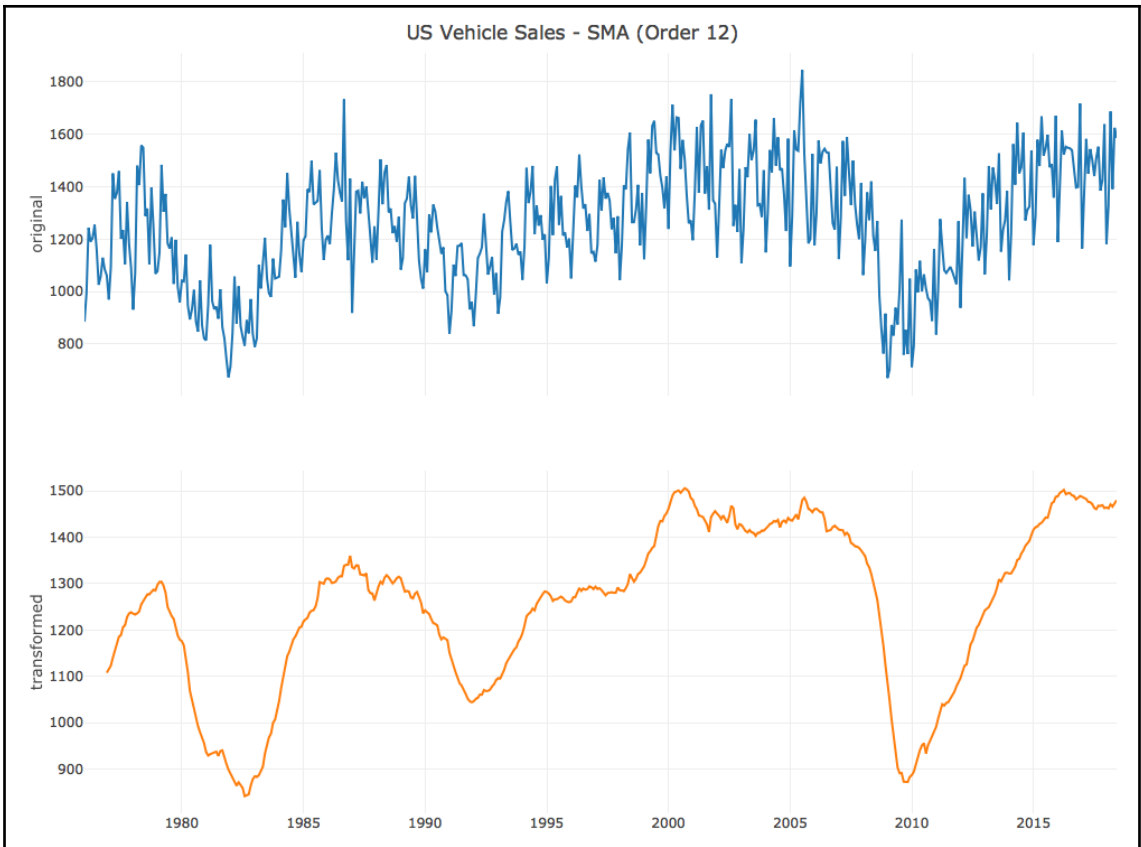


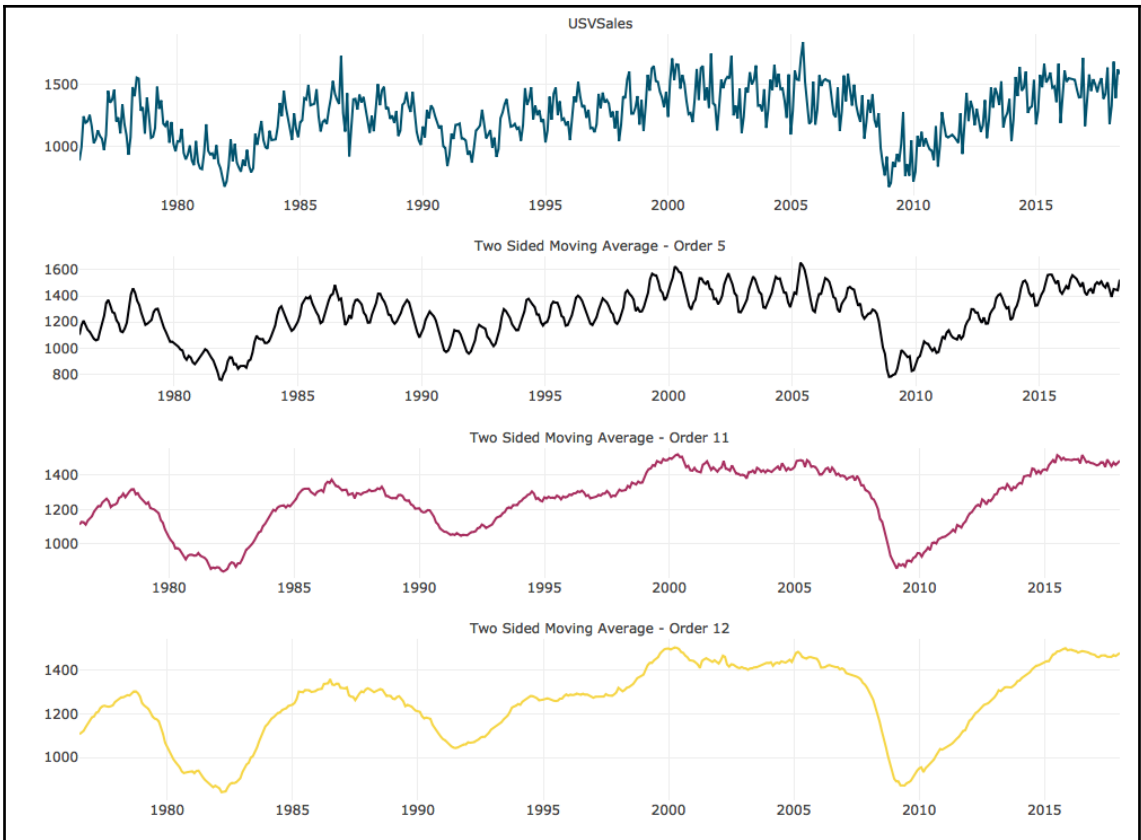
Chapter 5: Decomposition of Time Series Data

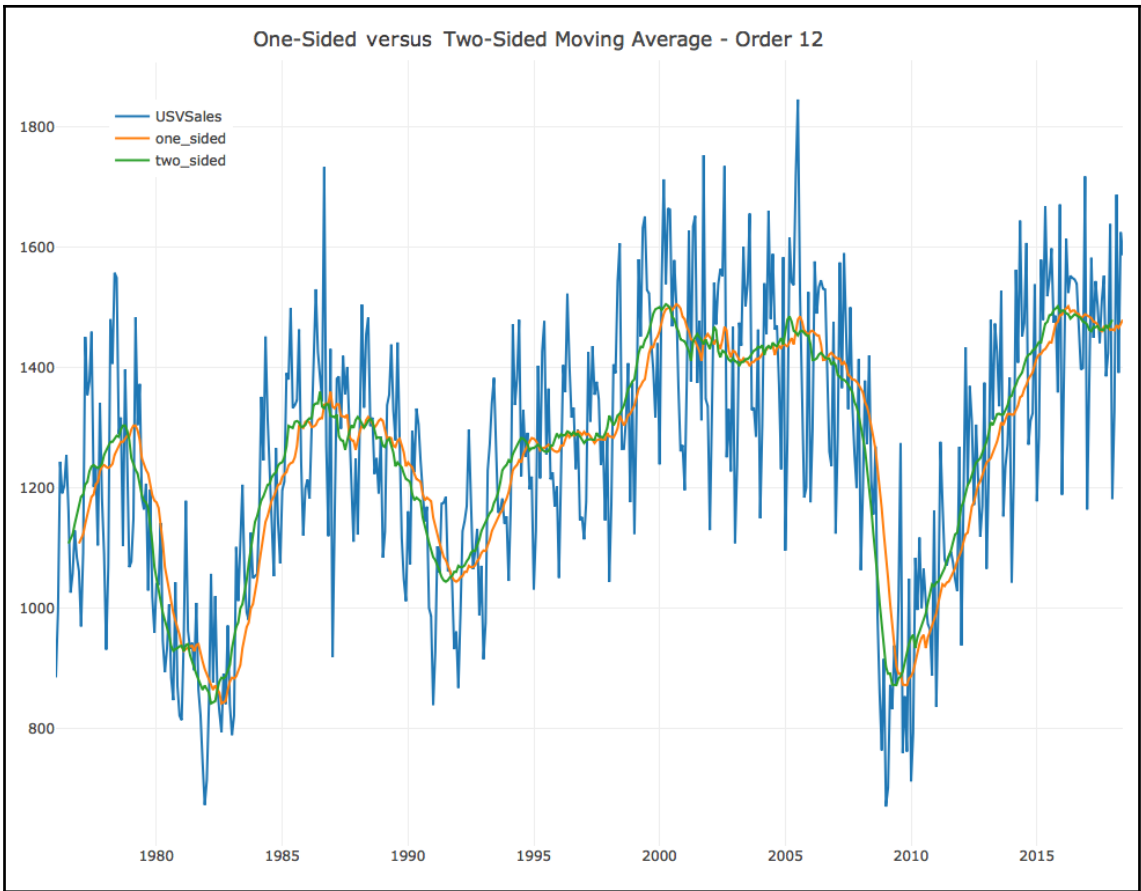


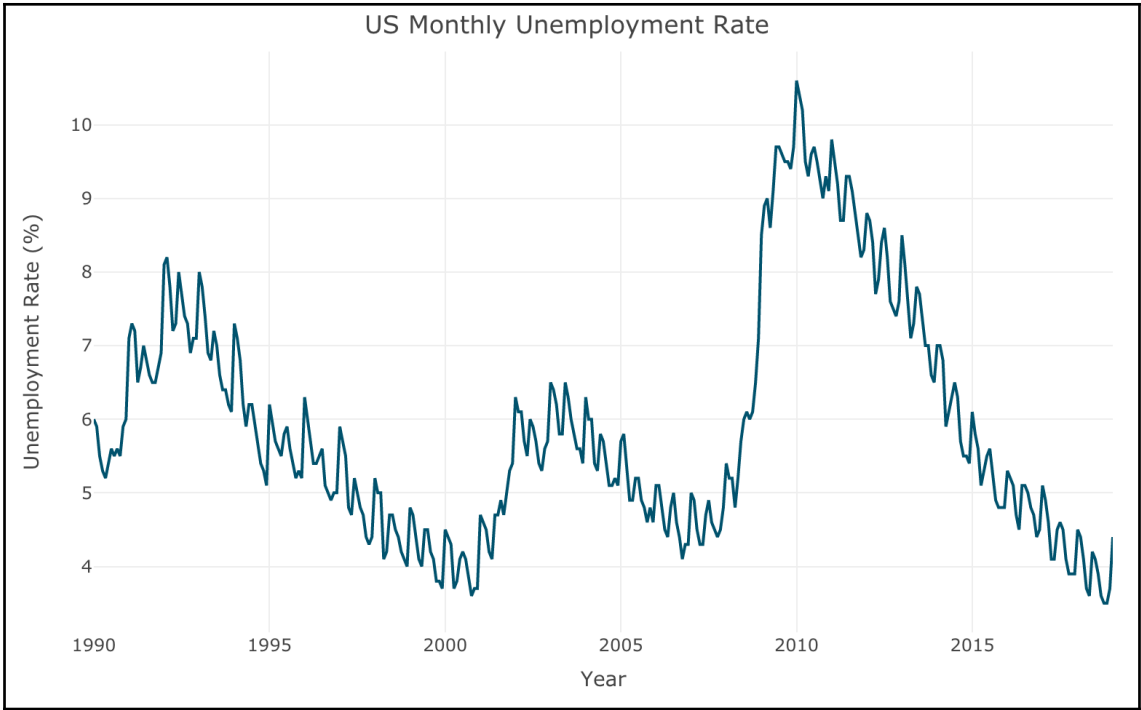


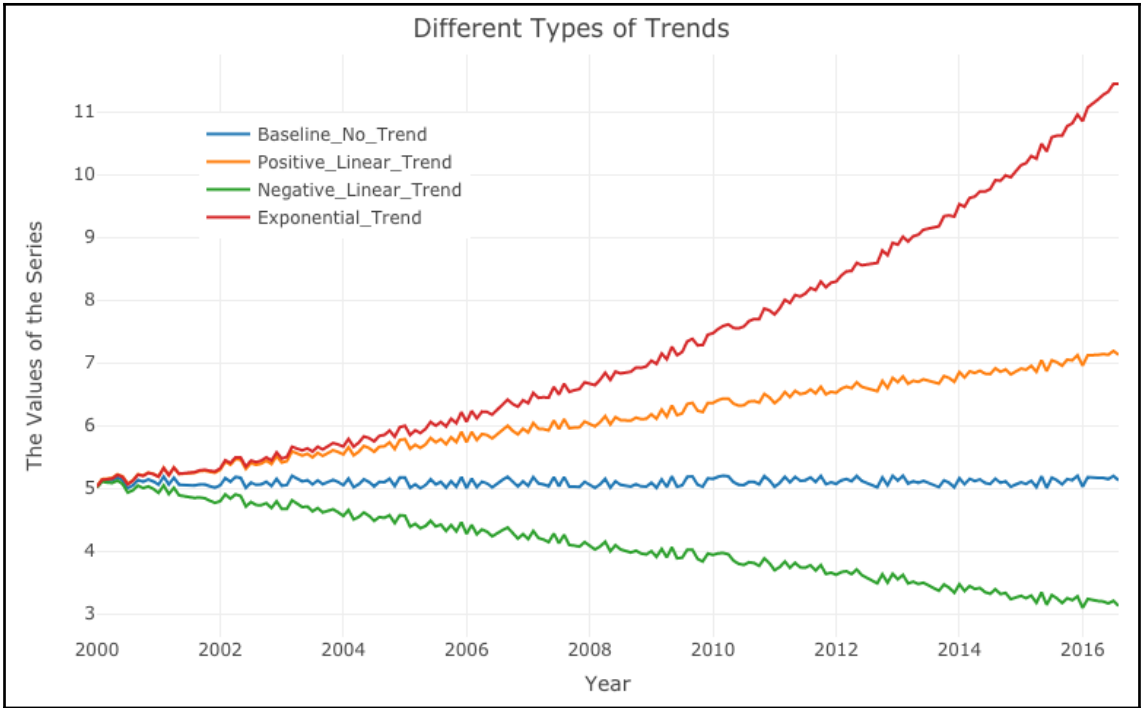


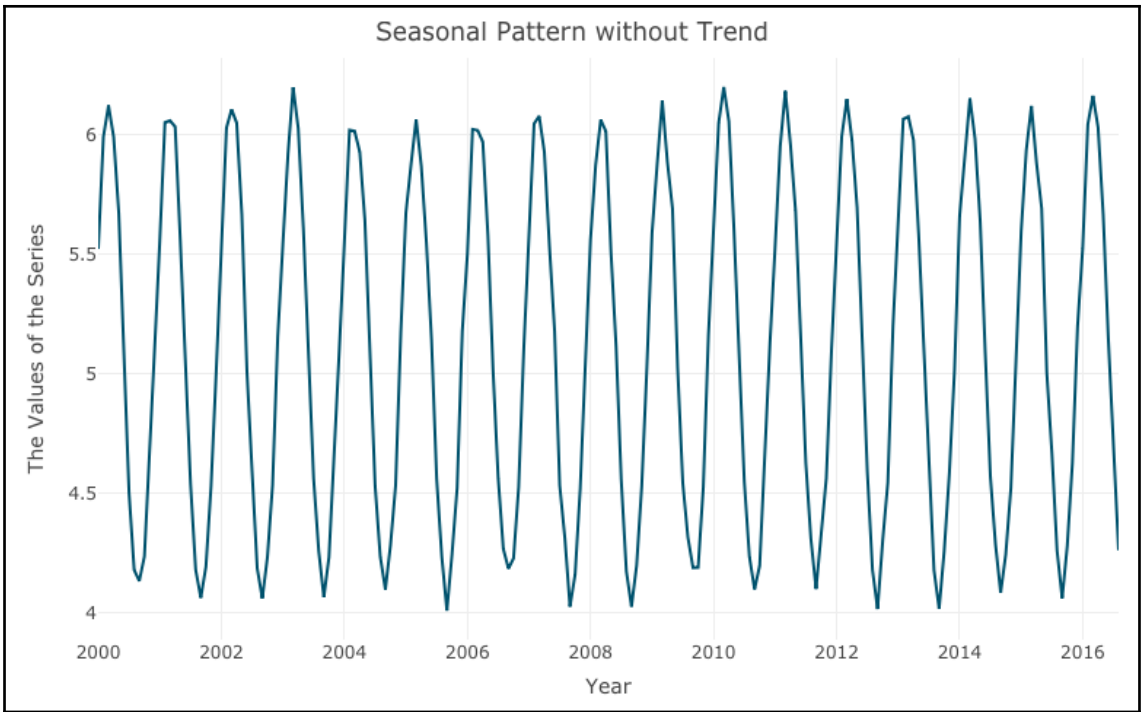


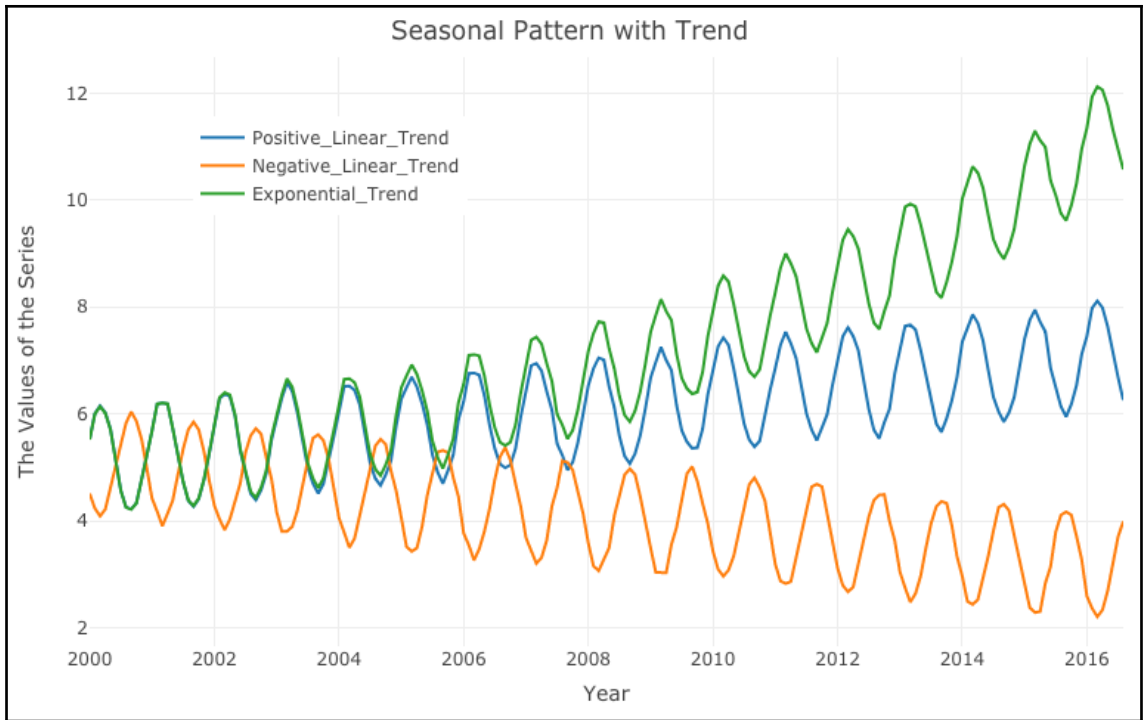


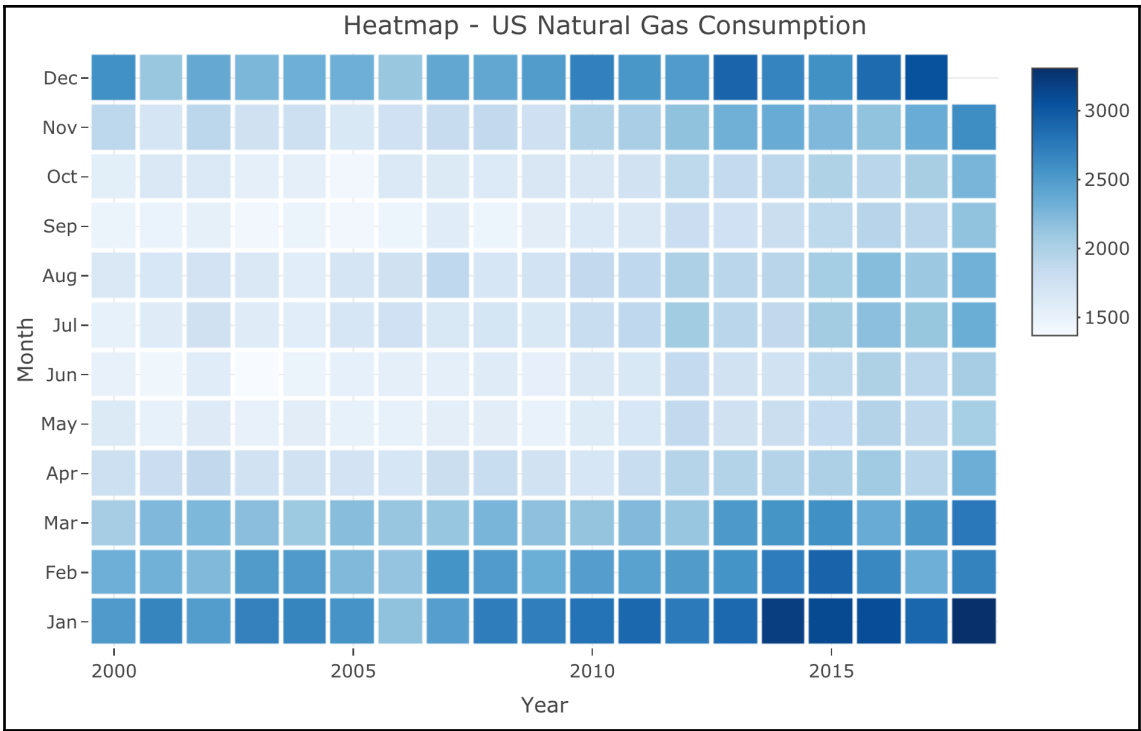


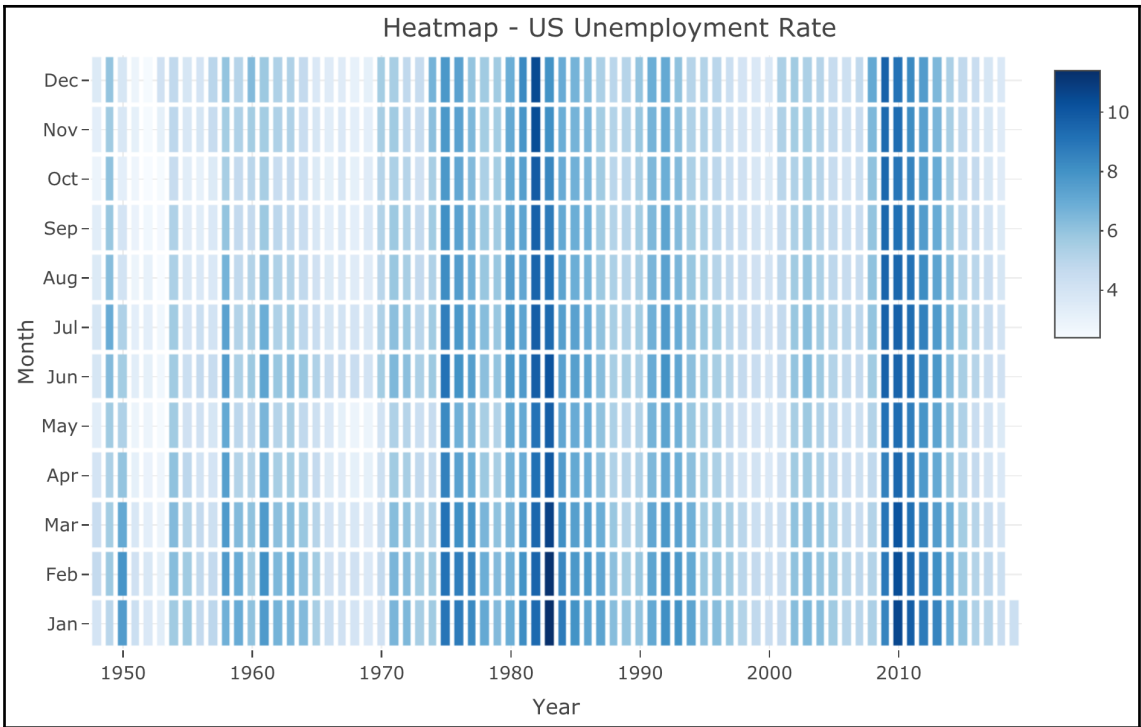


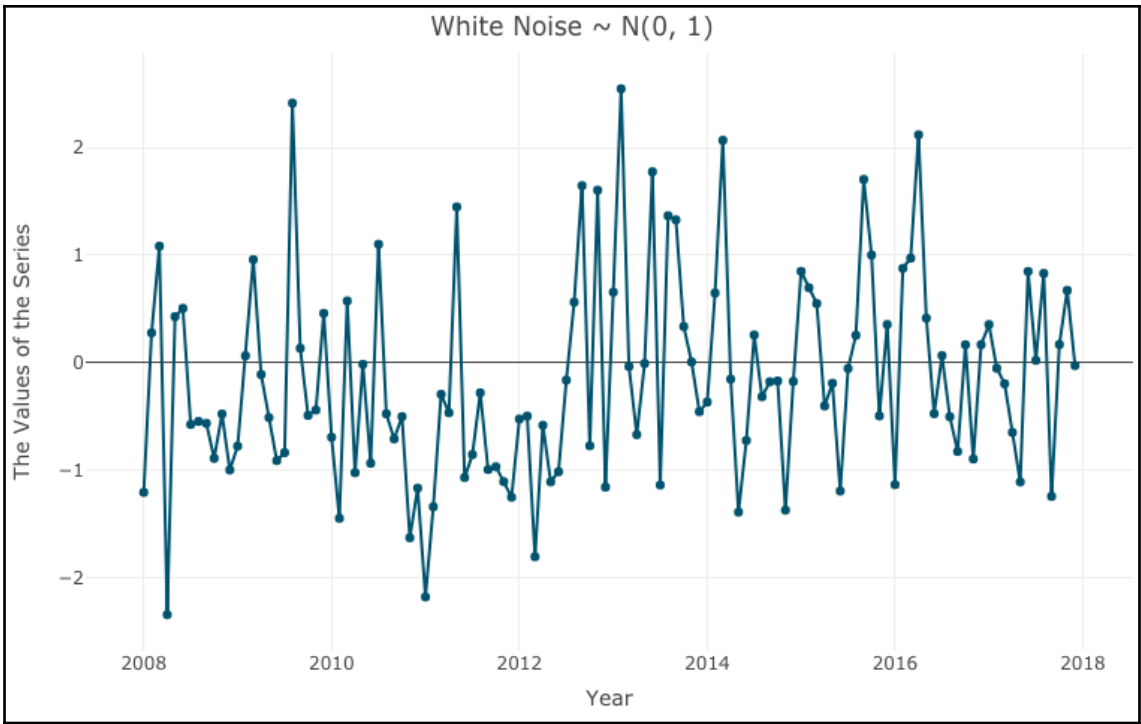


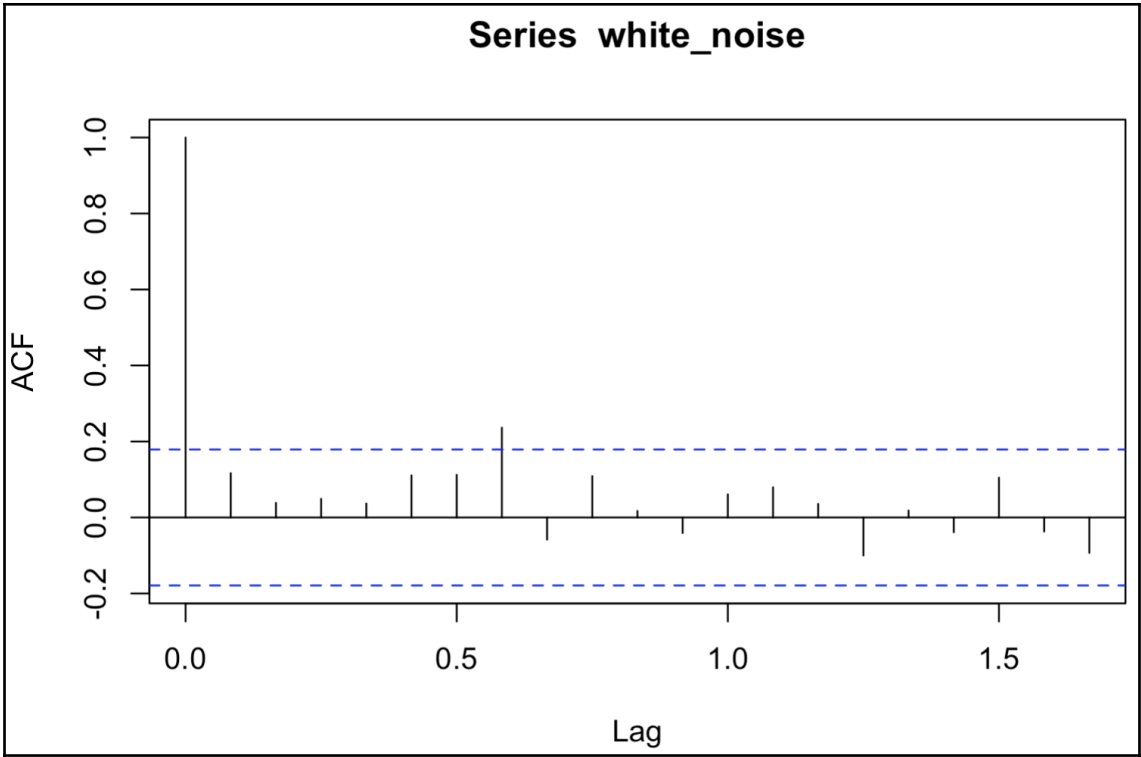


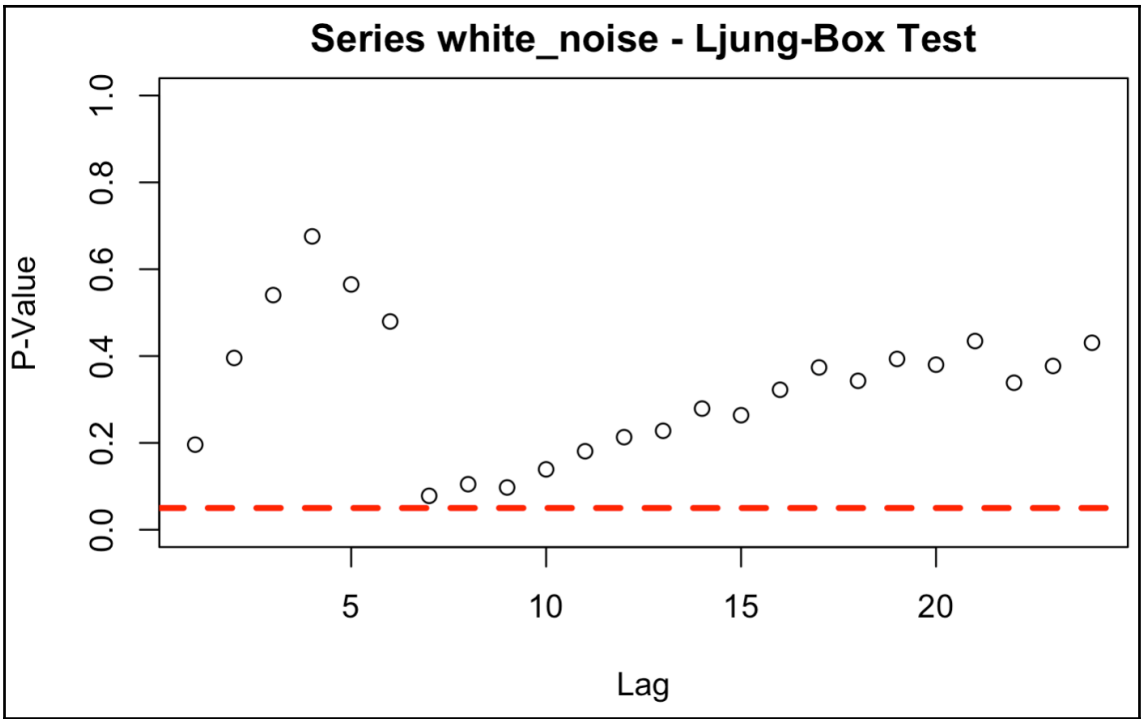


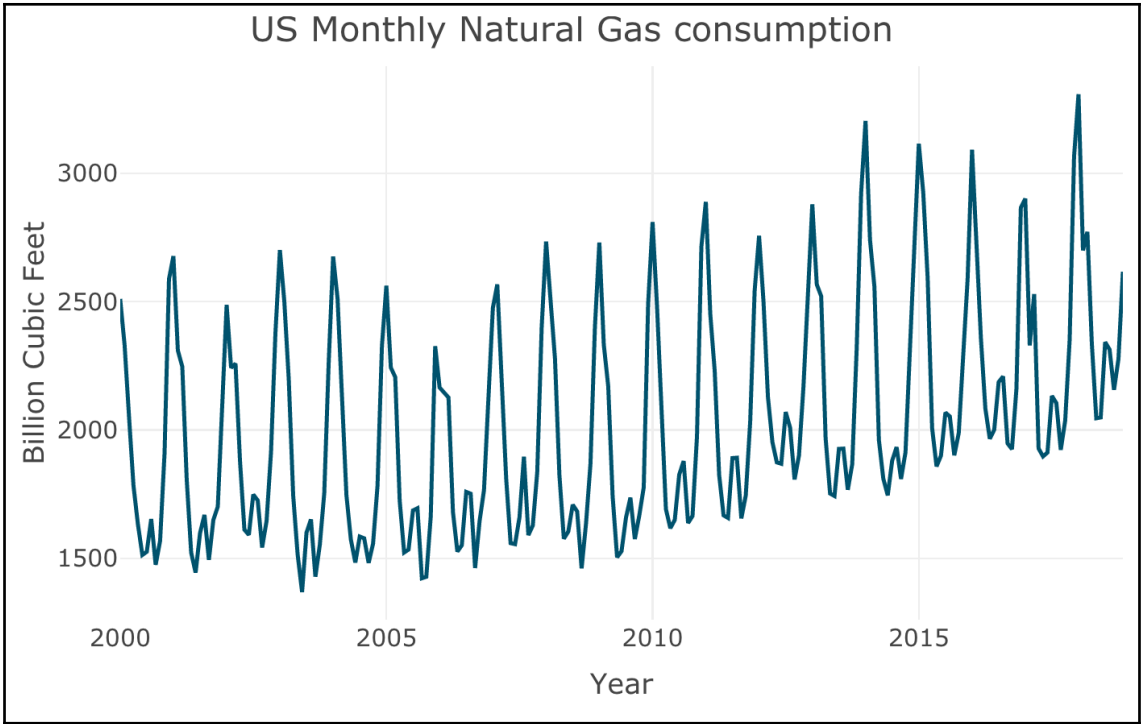


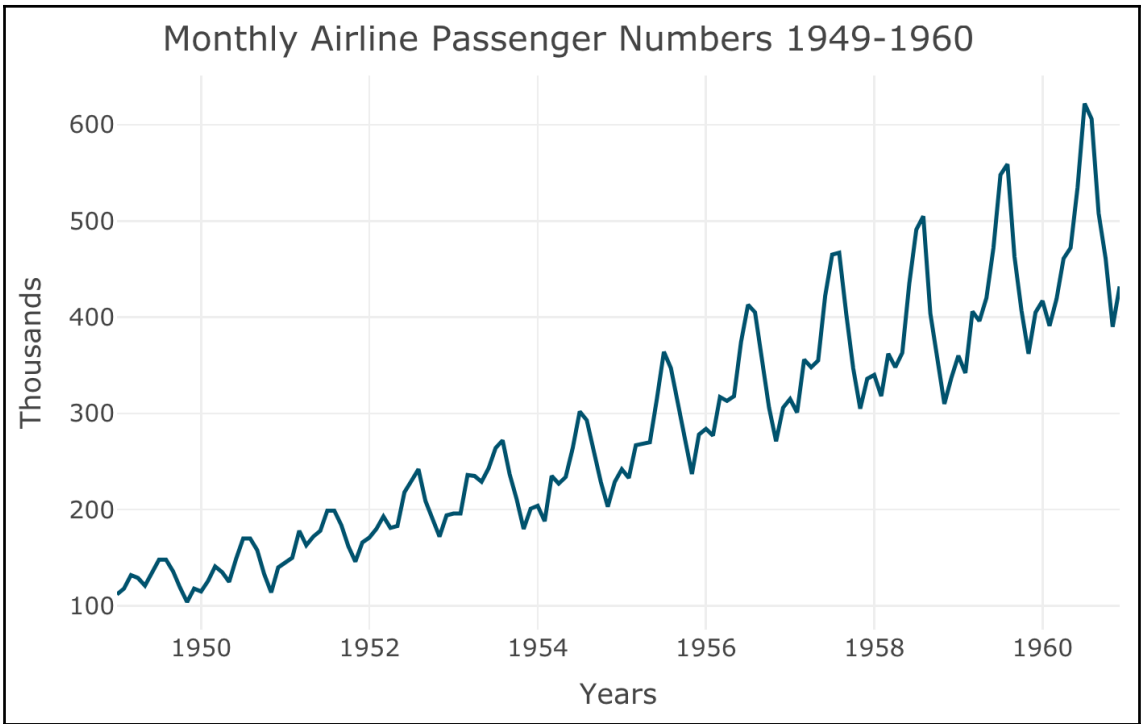


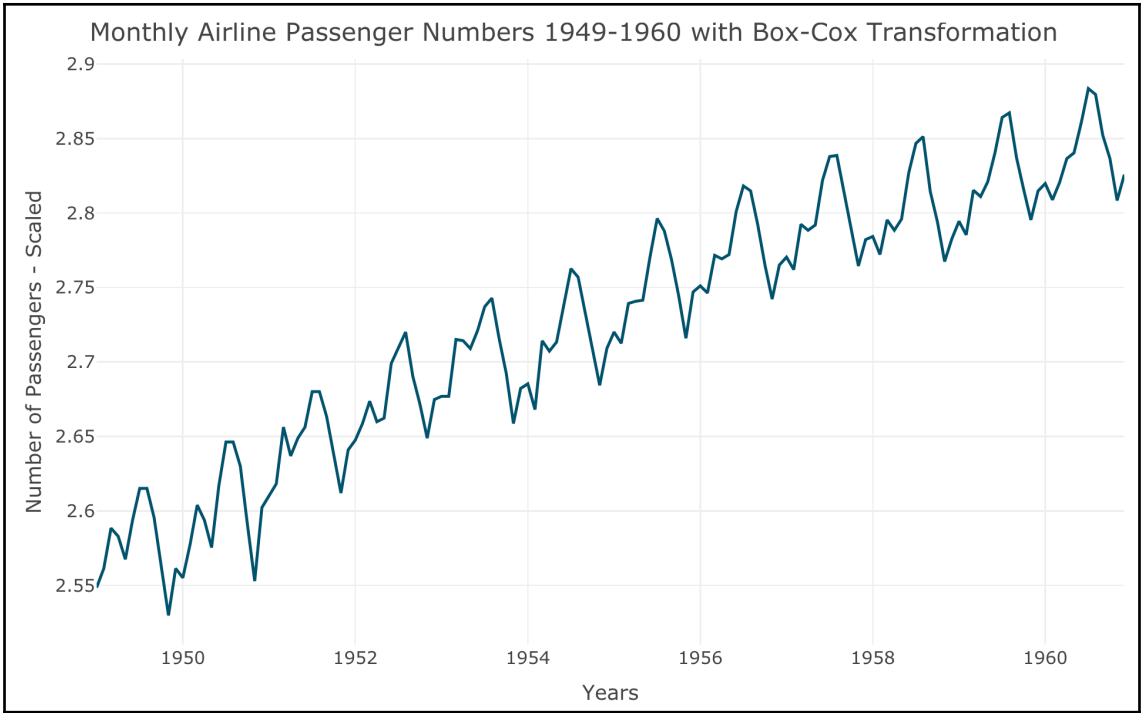


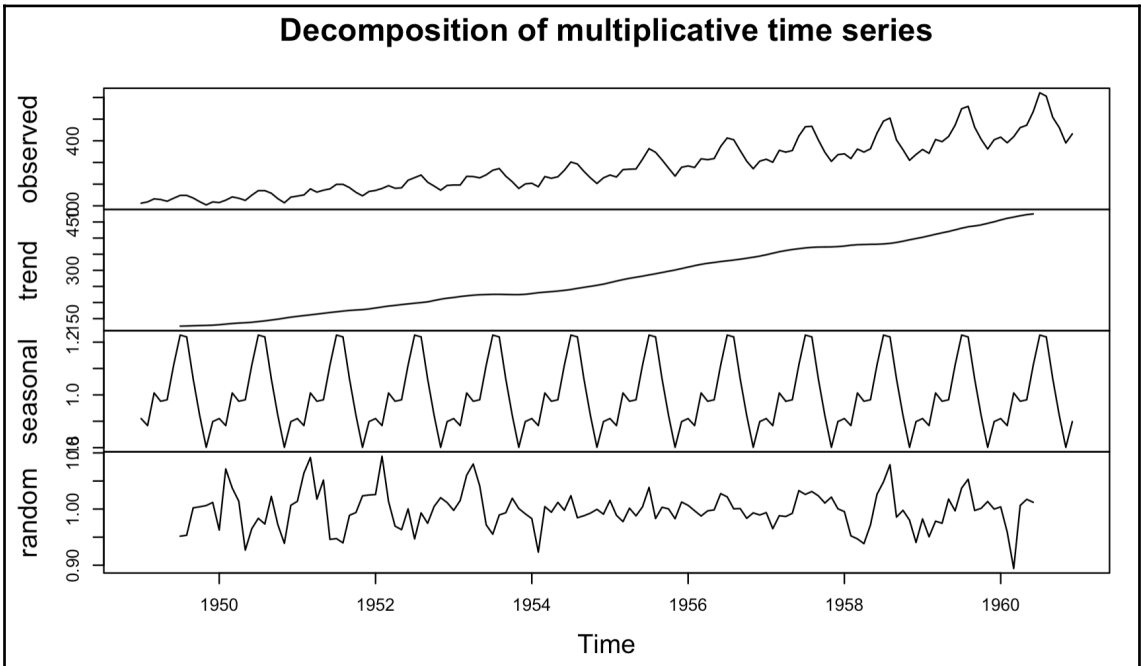
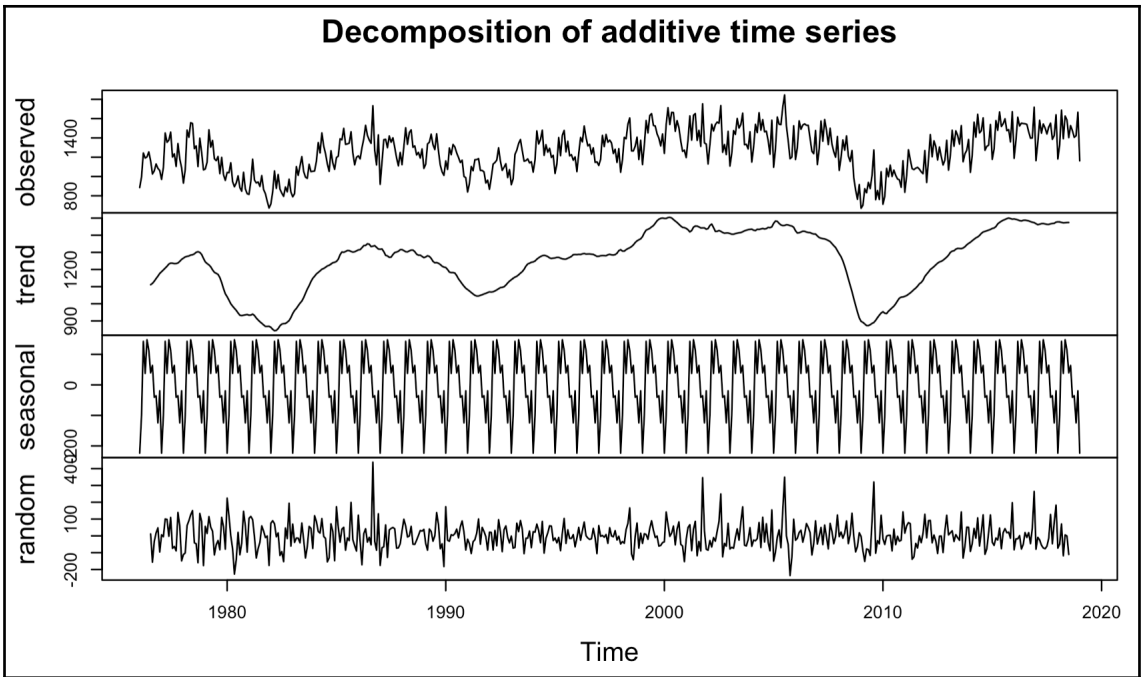




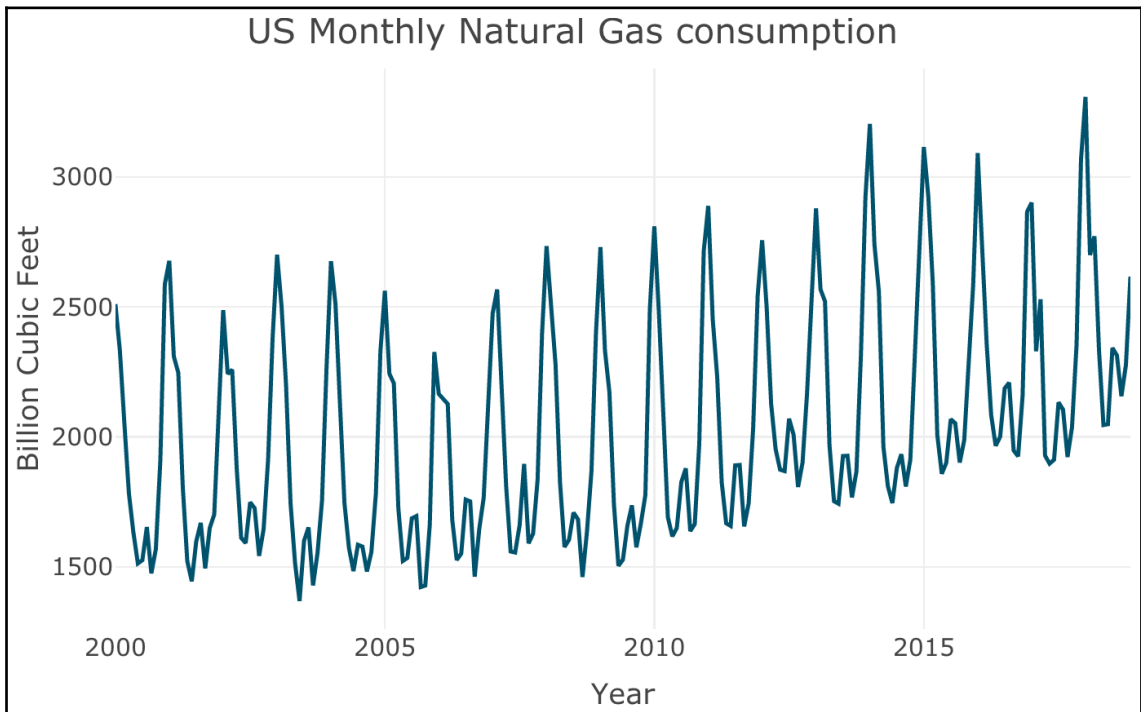


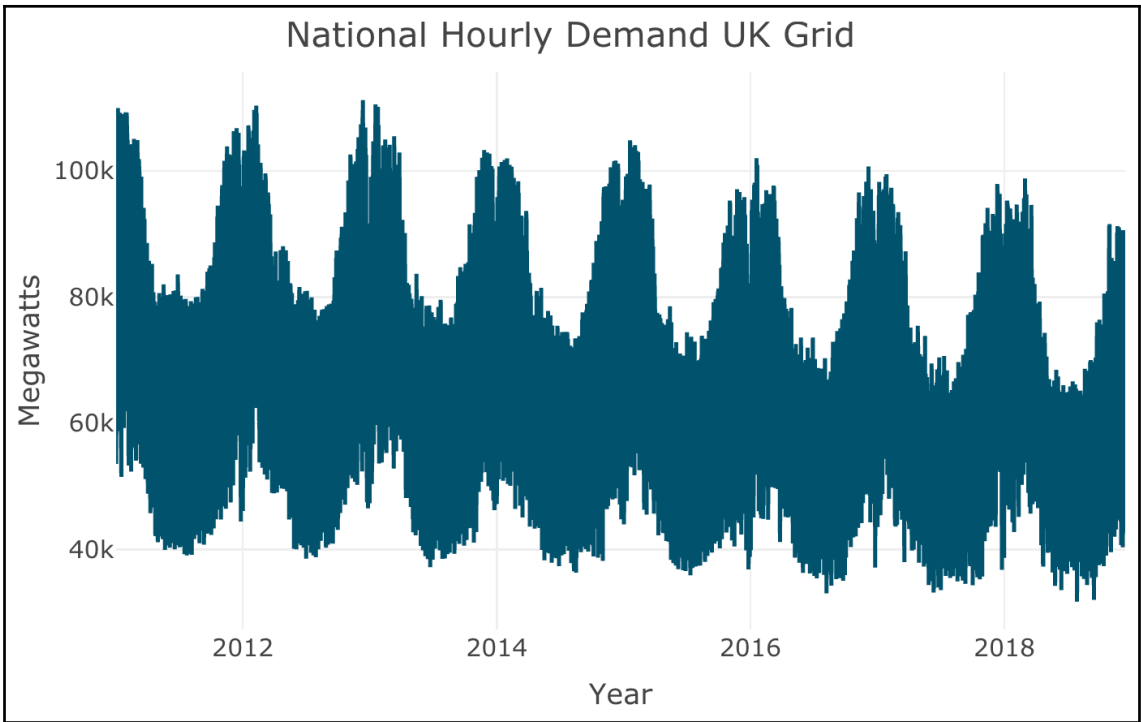


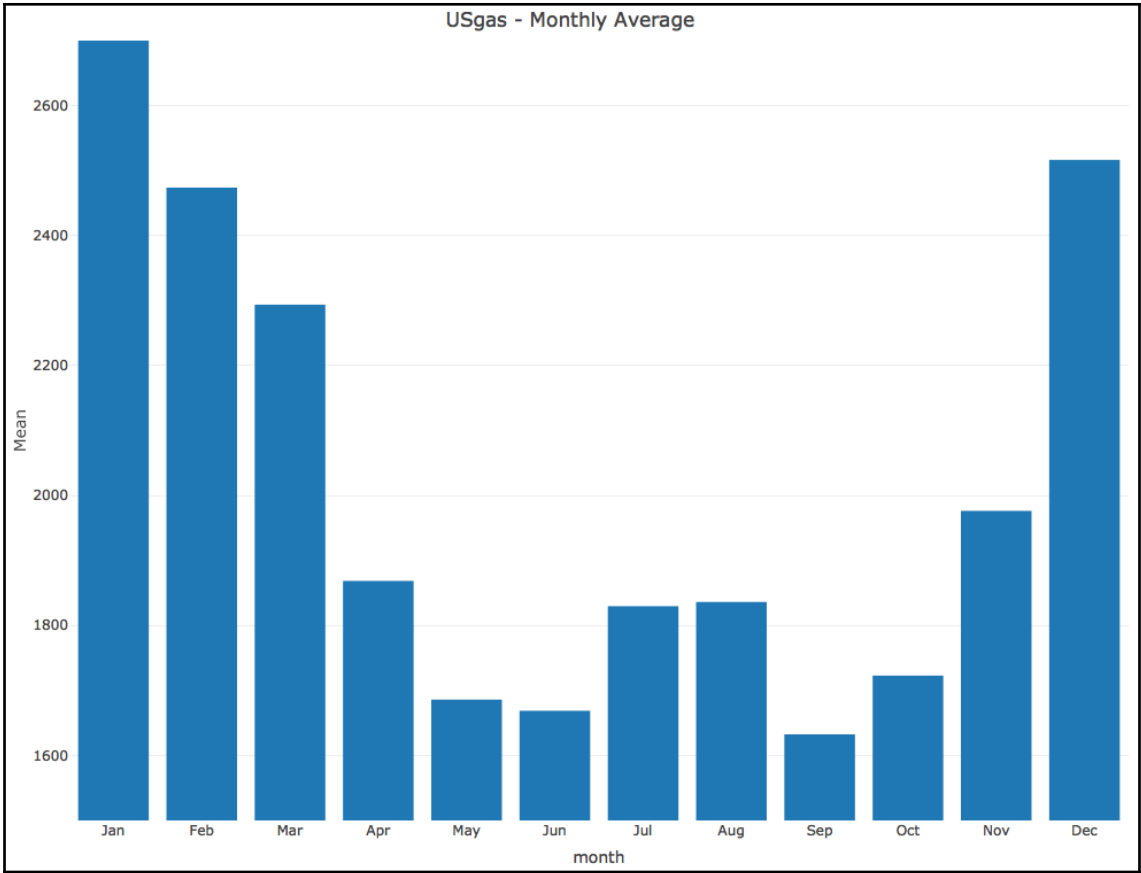


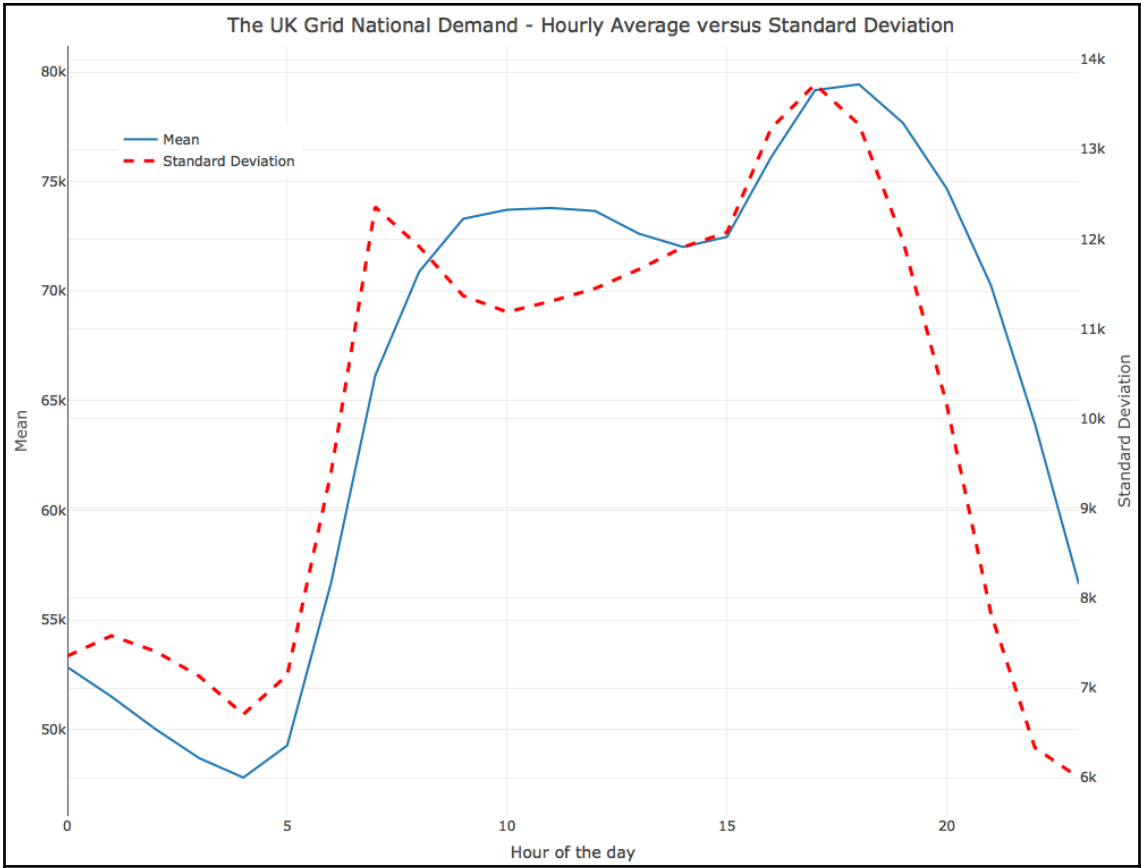


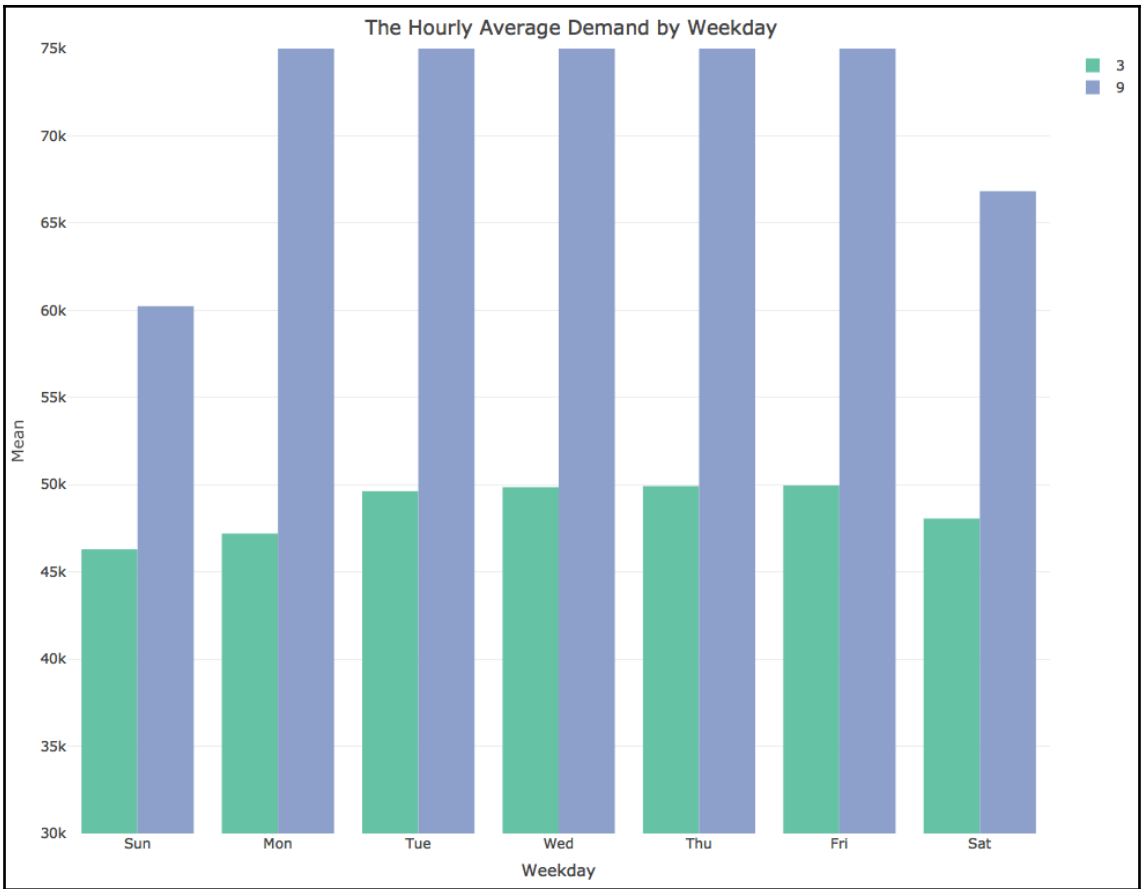
Chapter 6: Seasonality Analysis

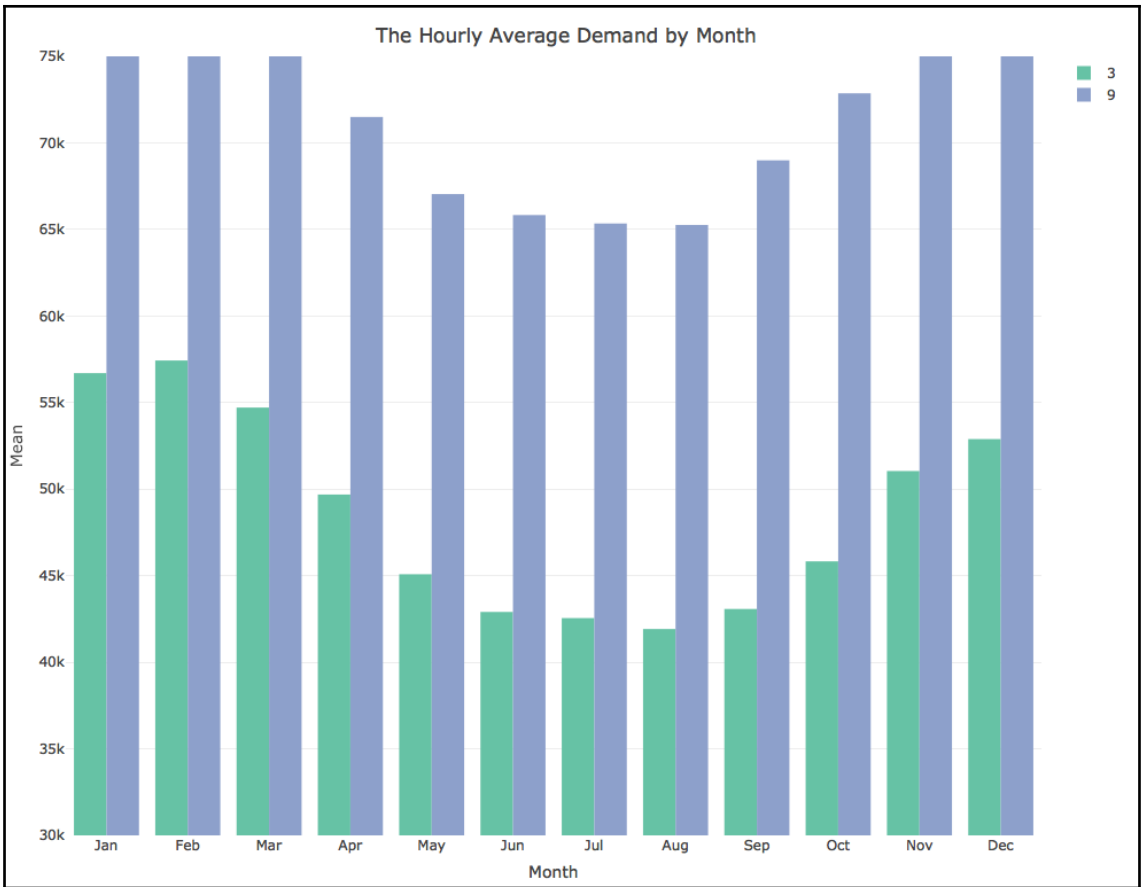


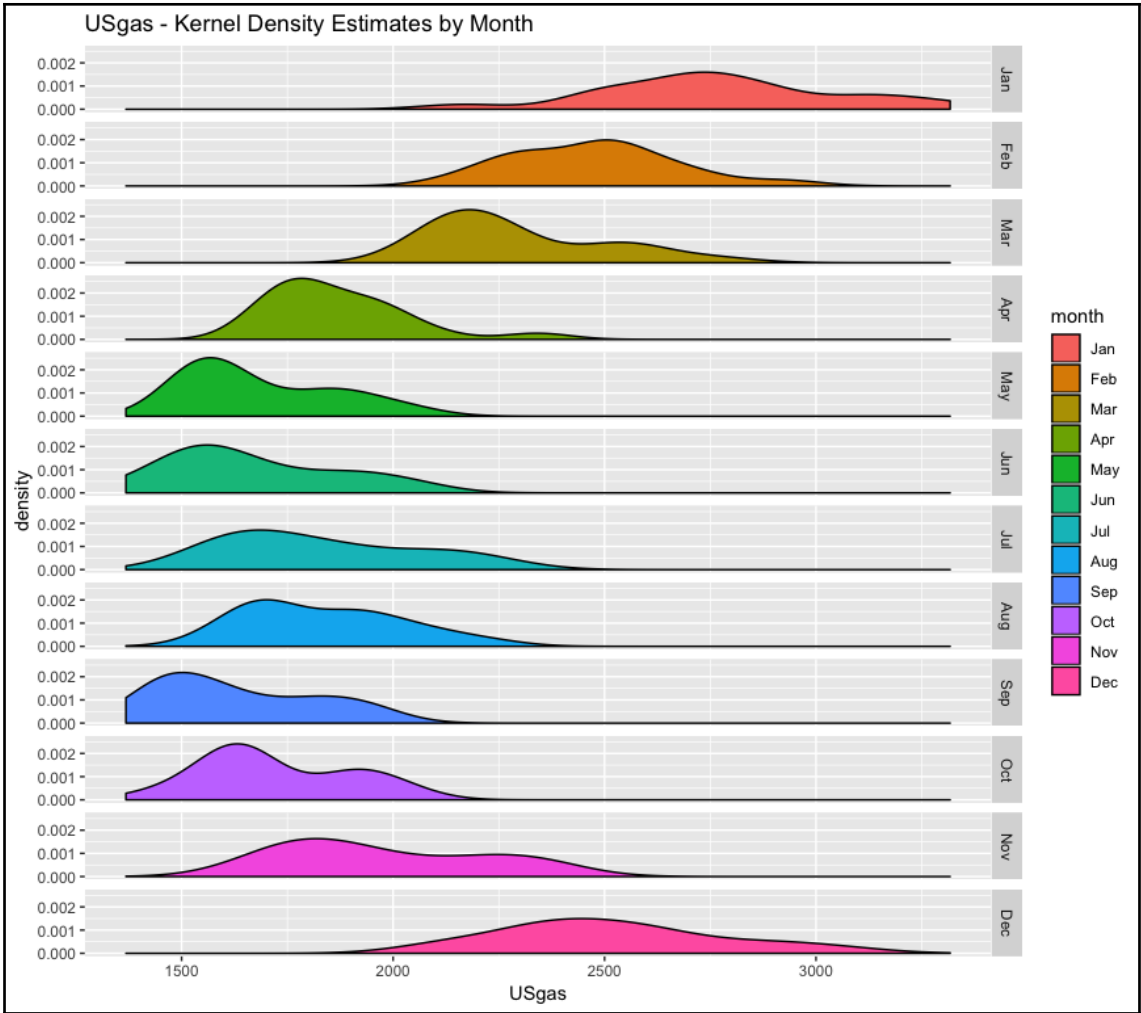


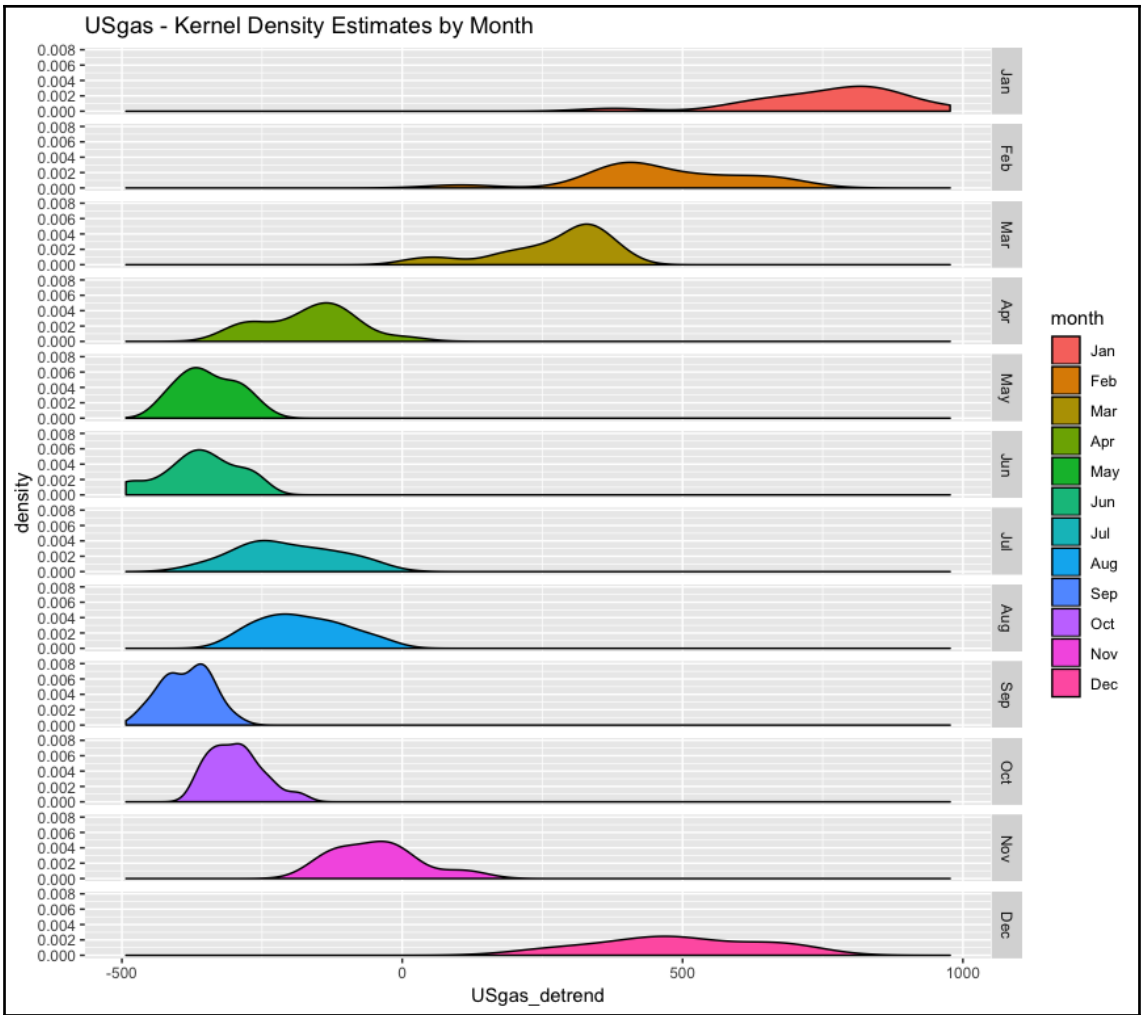


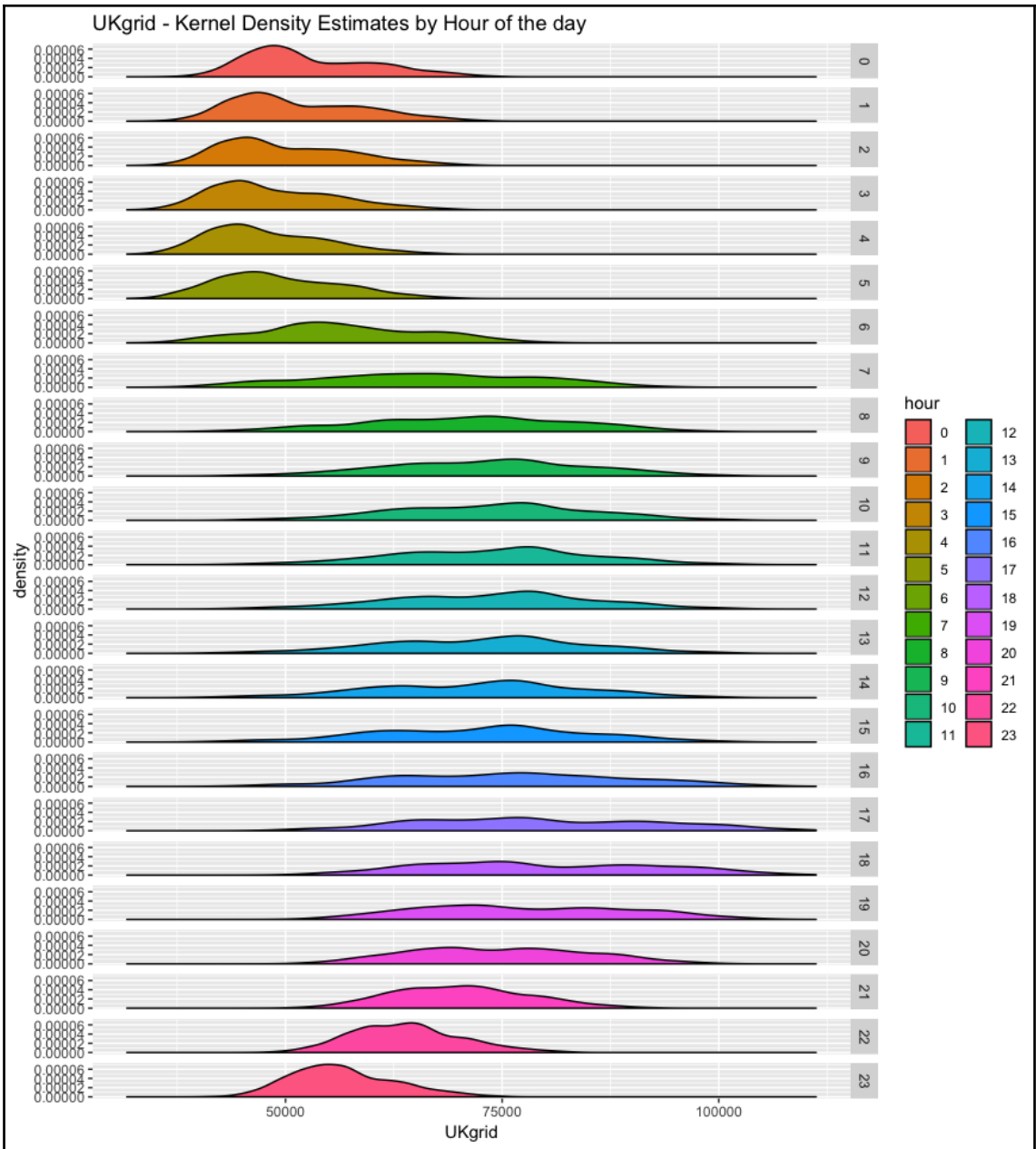


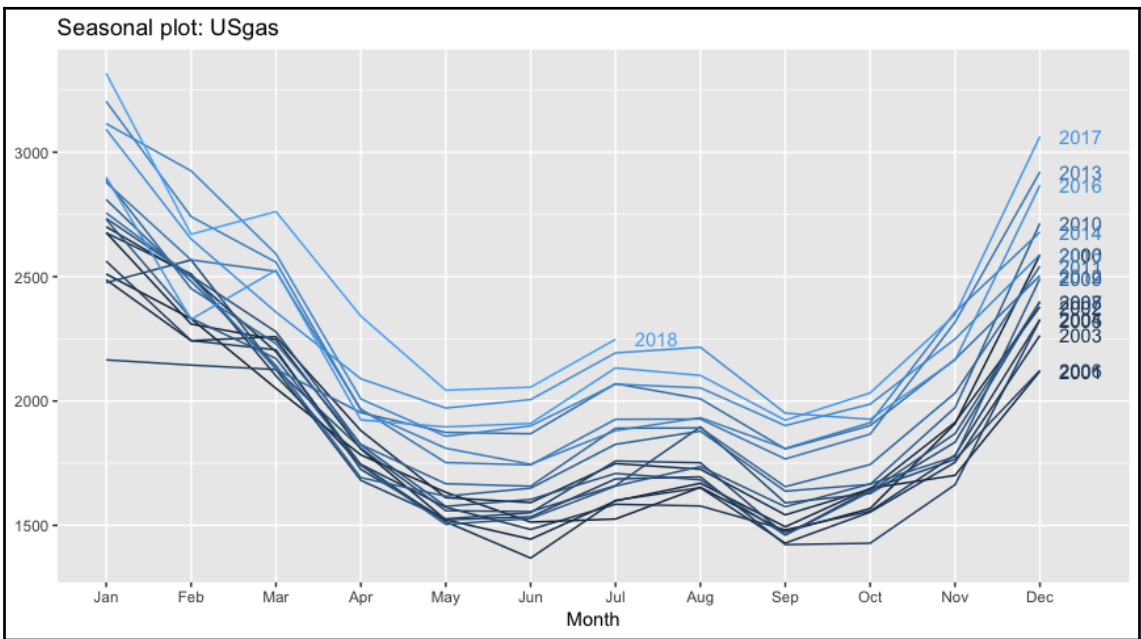
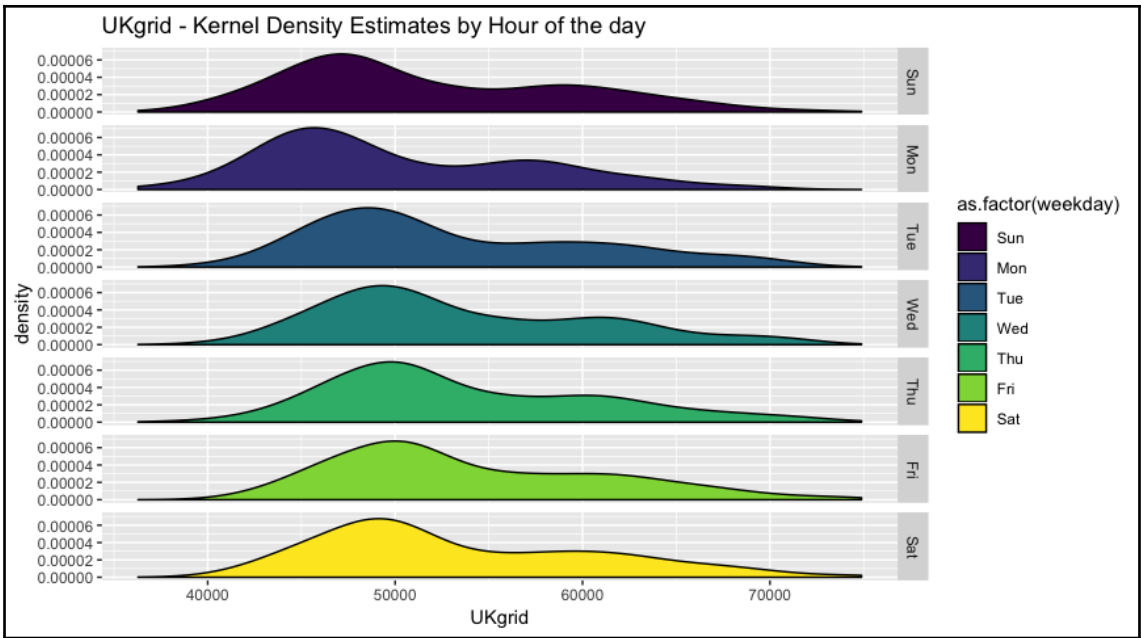


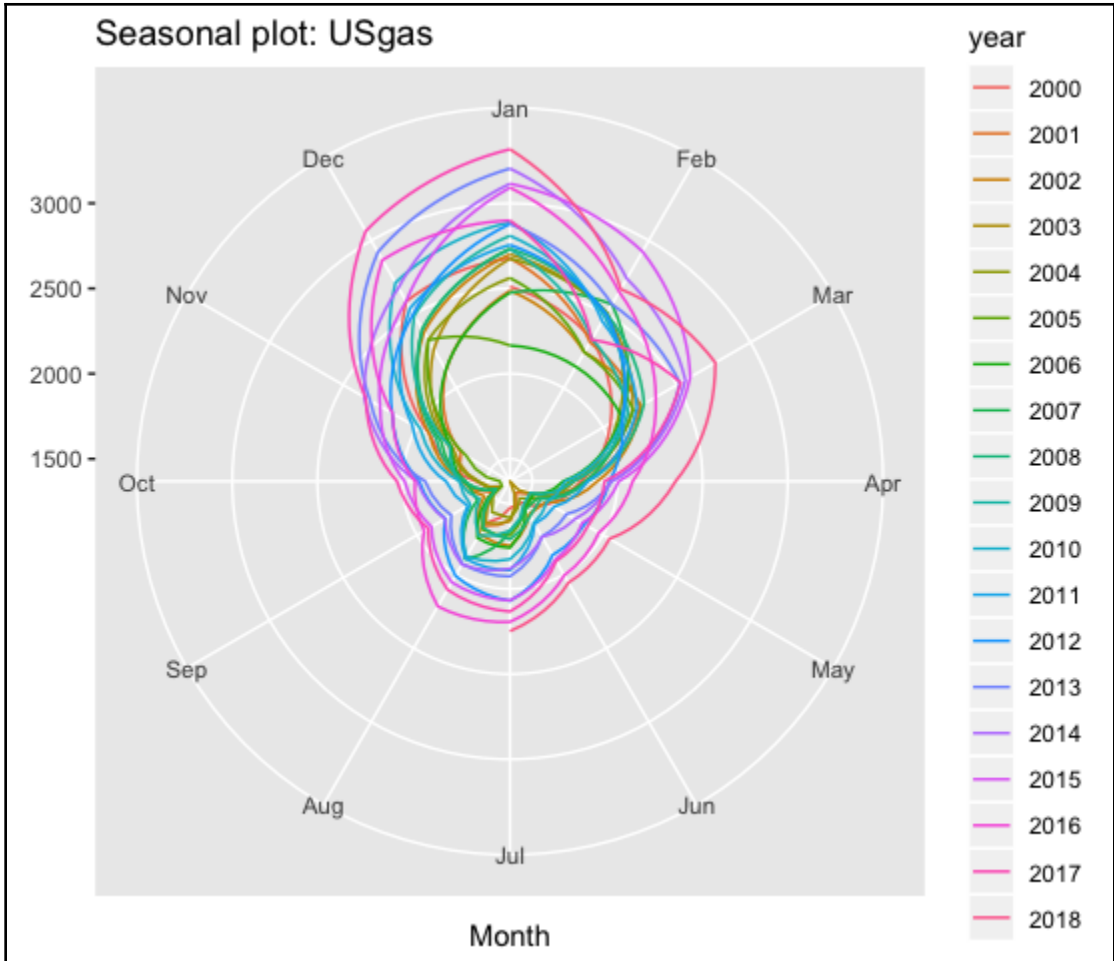


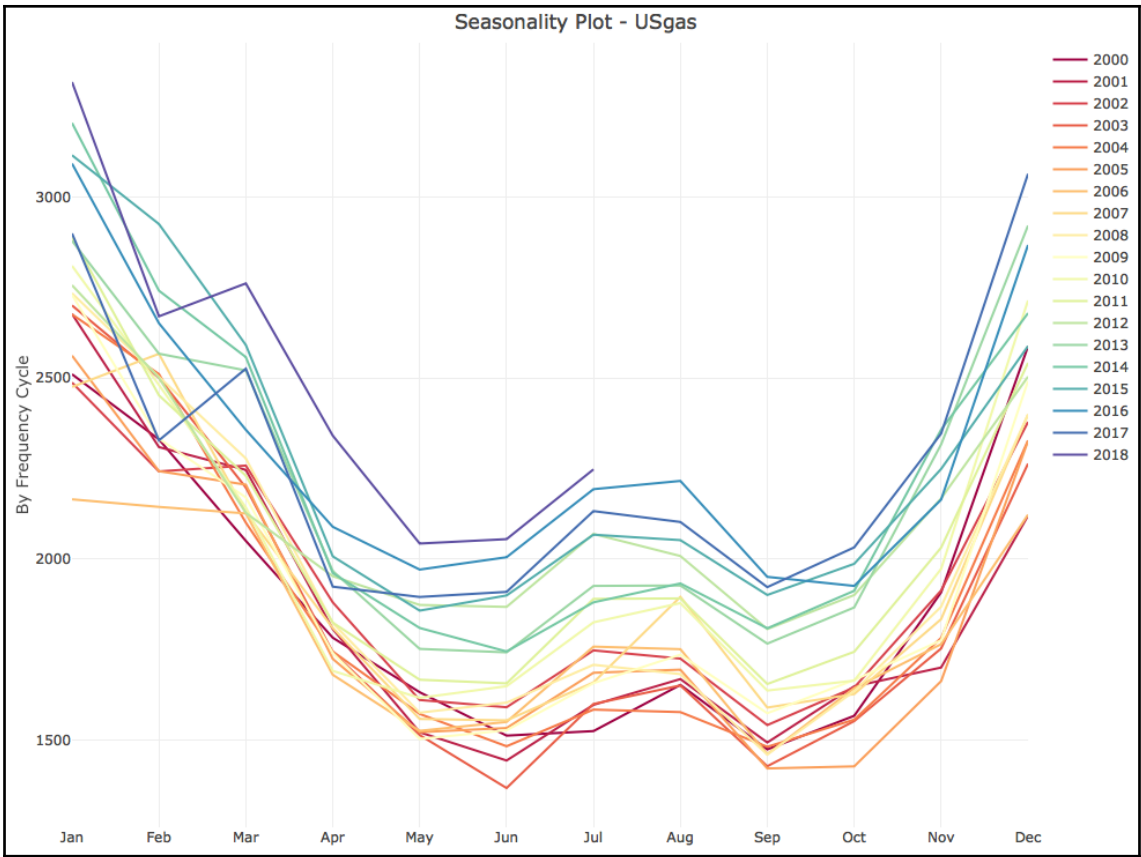


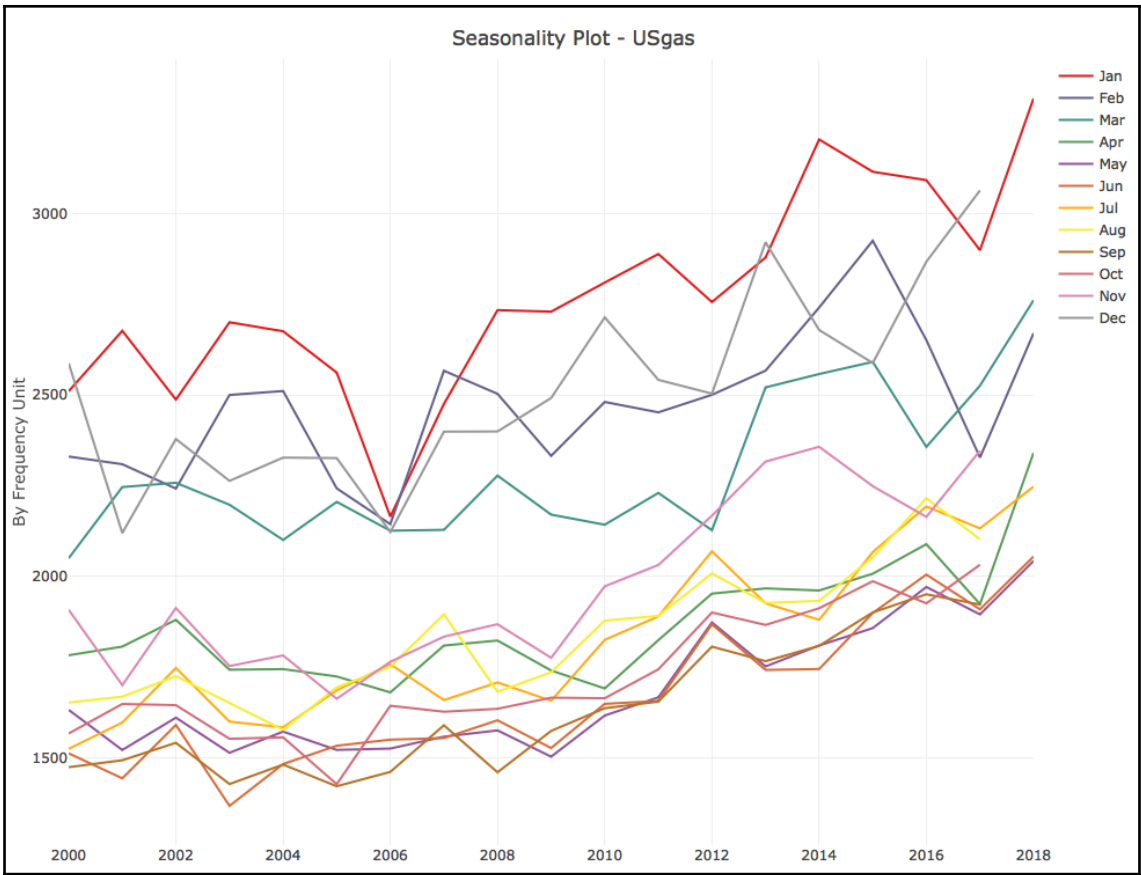


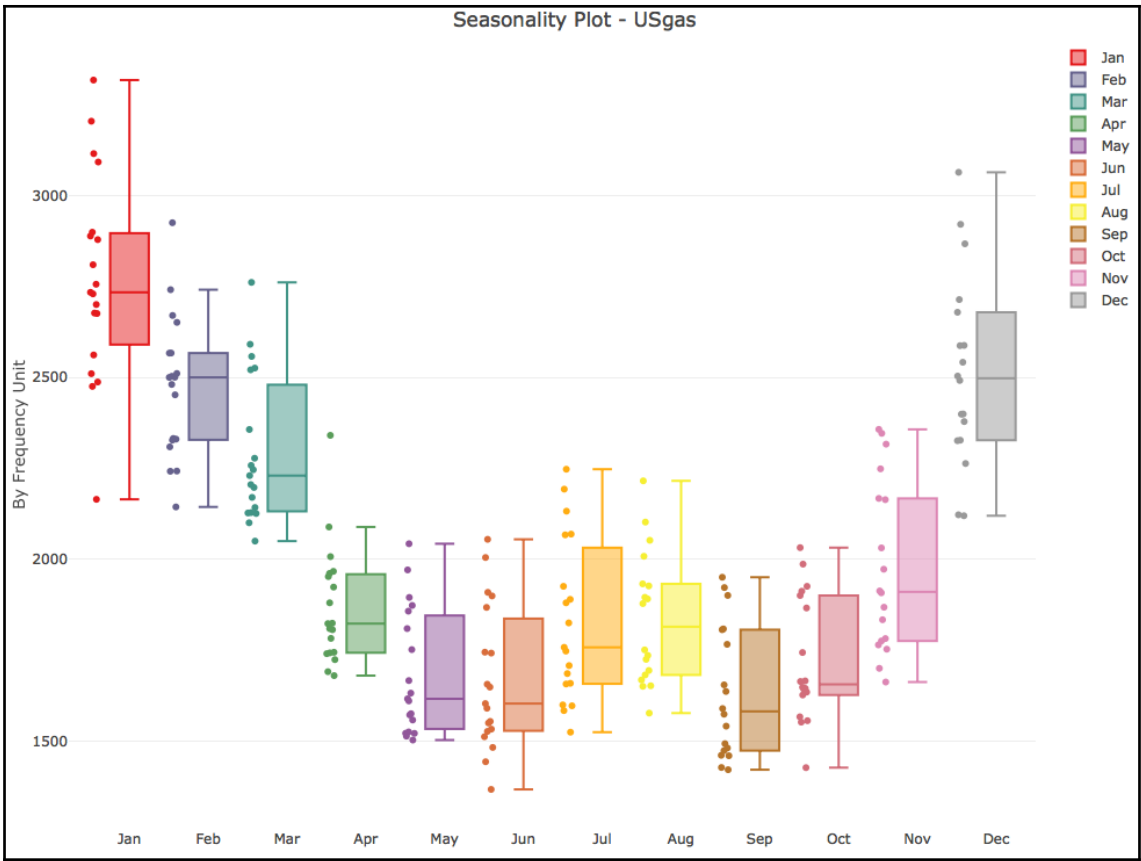


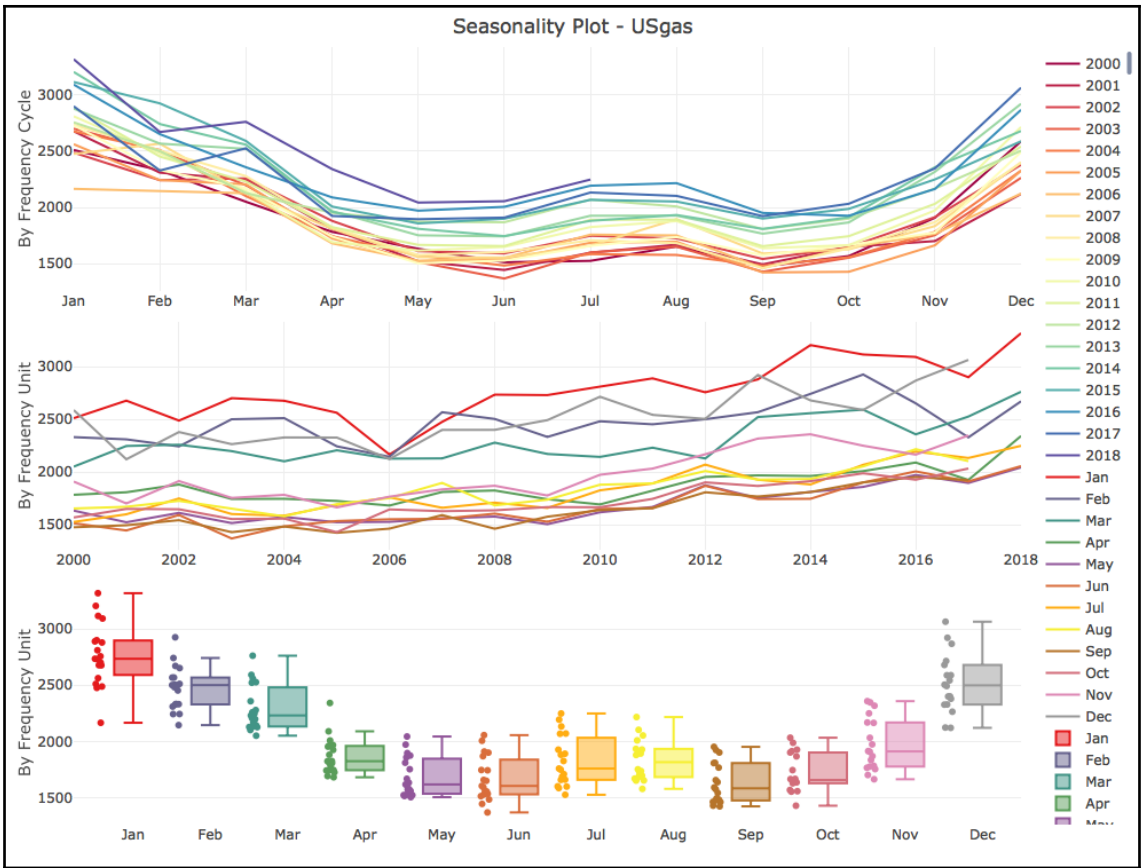


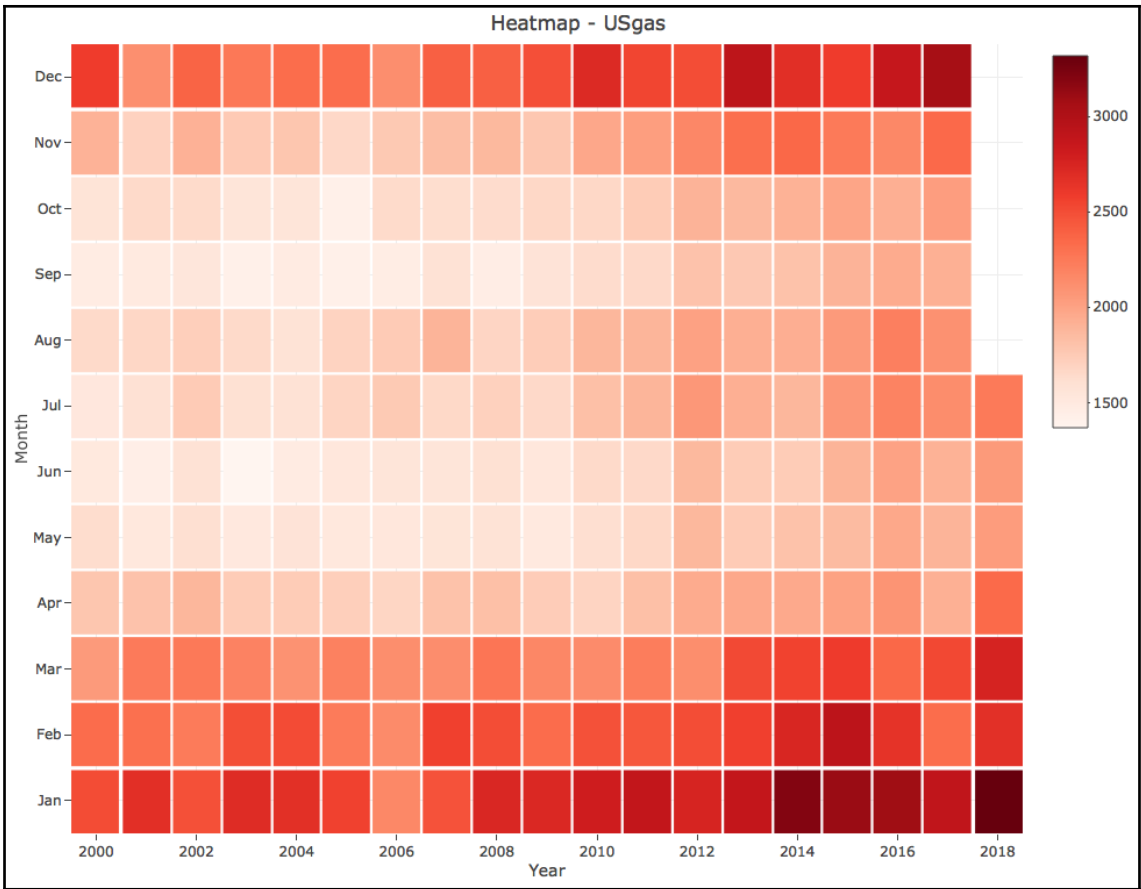


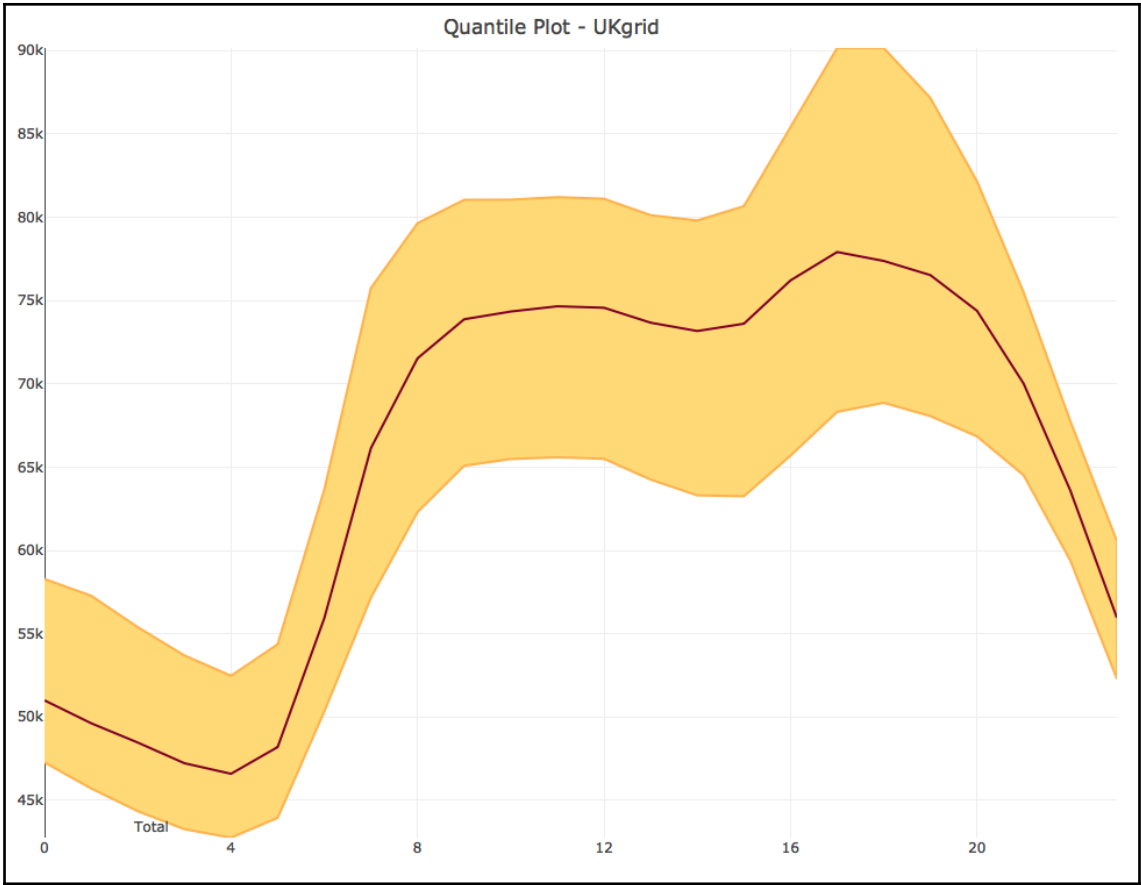


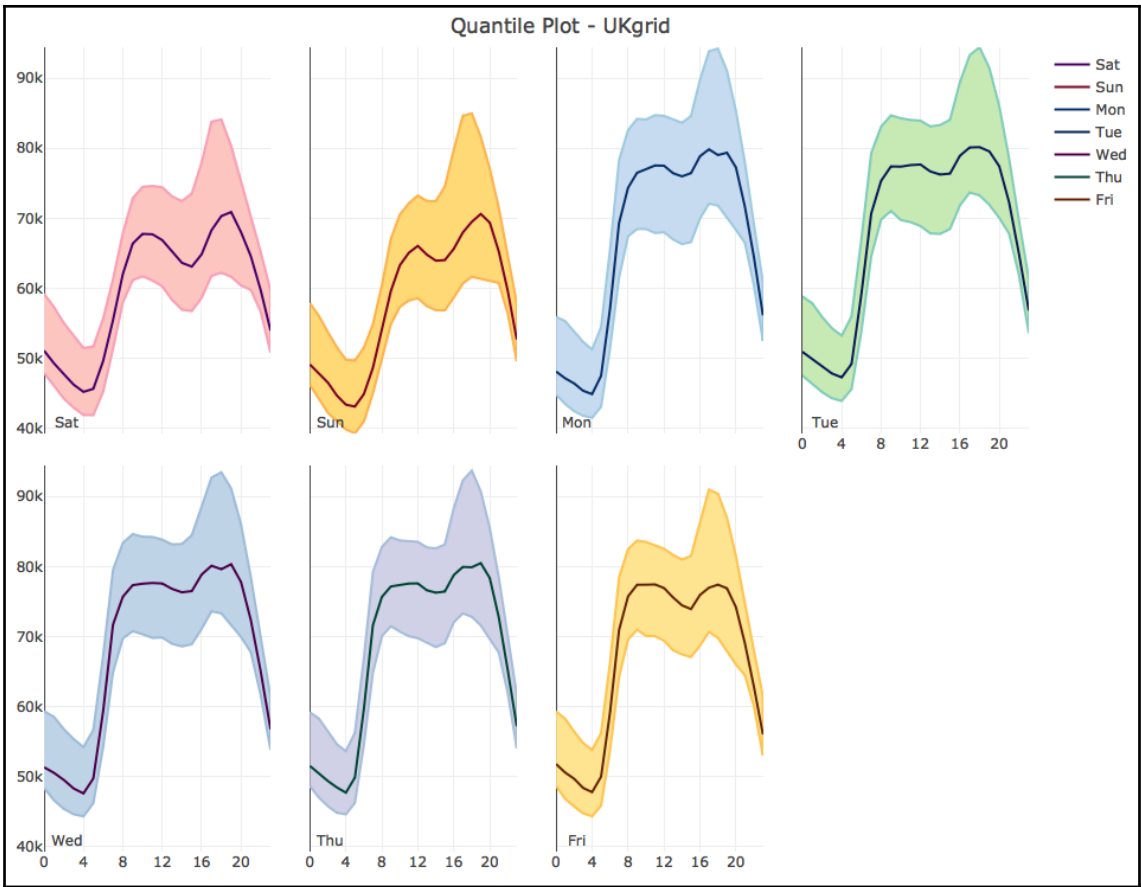


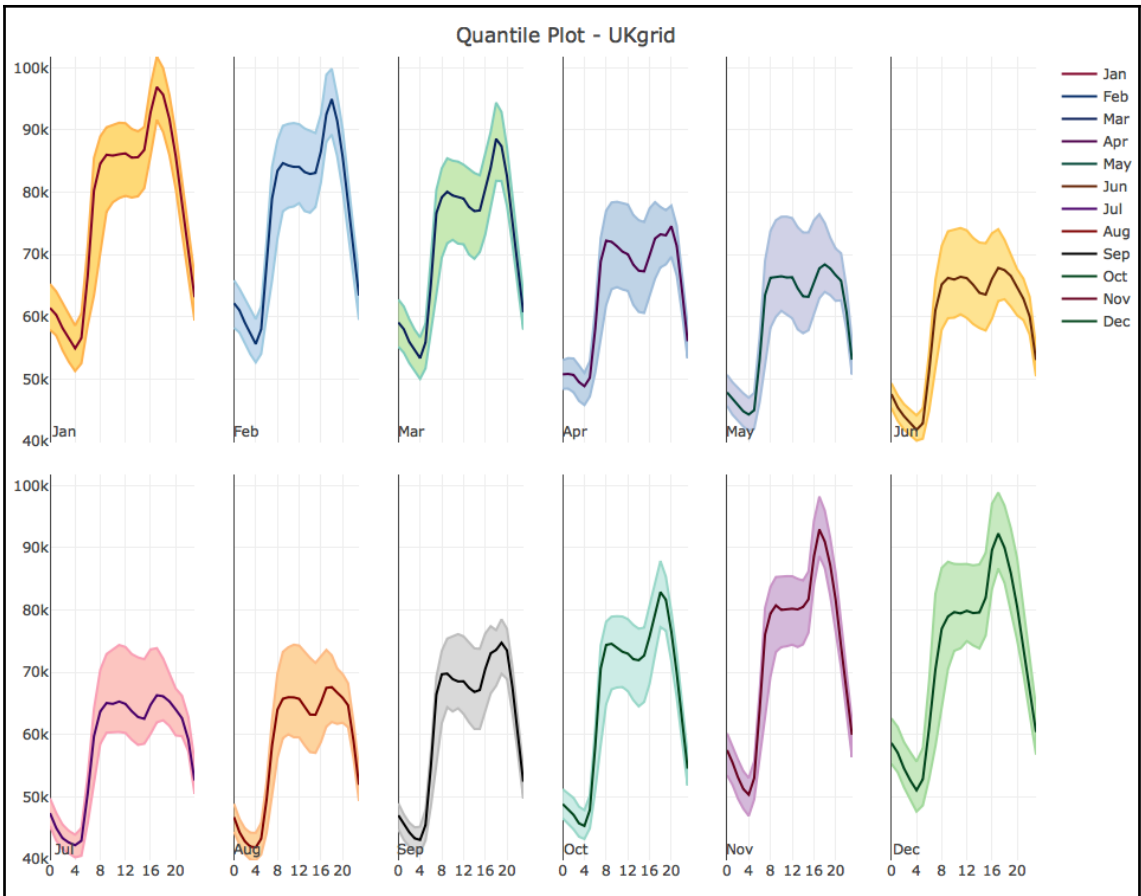




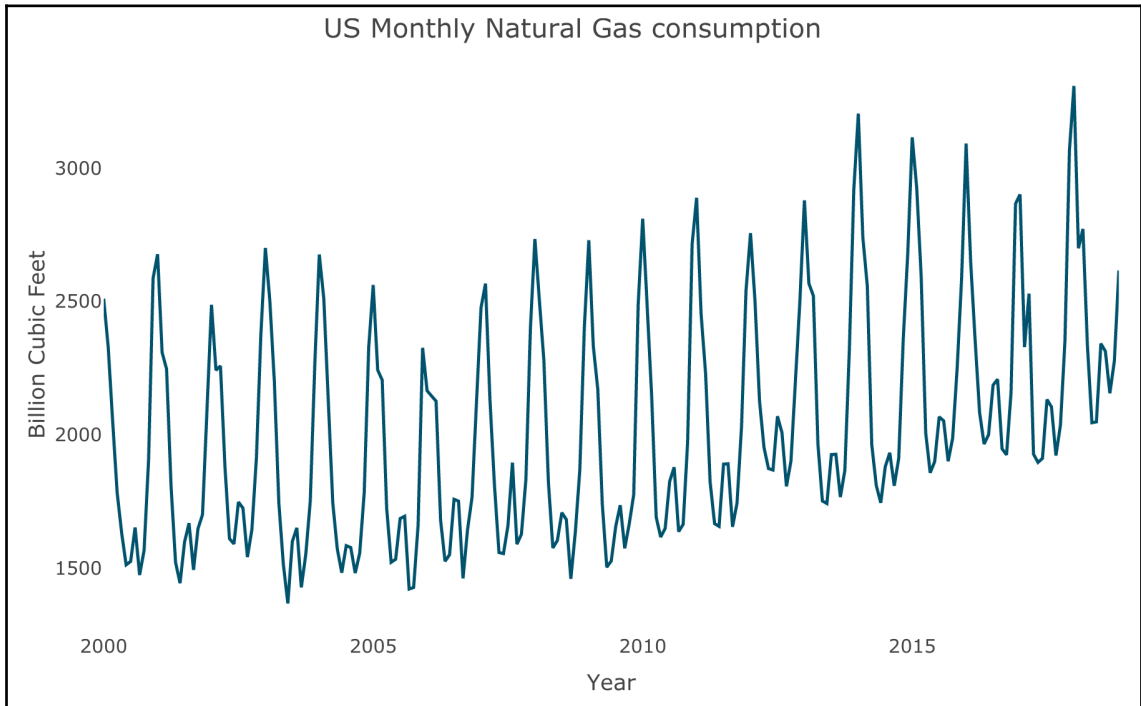


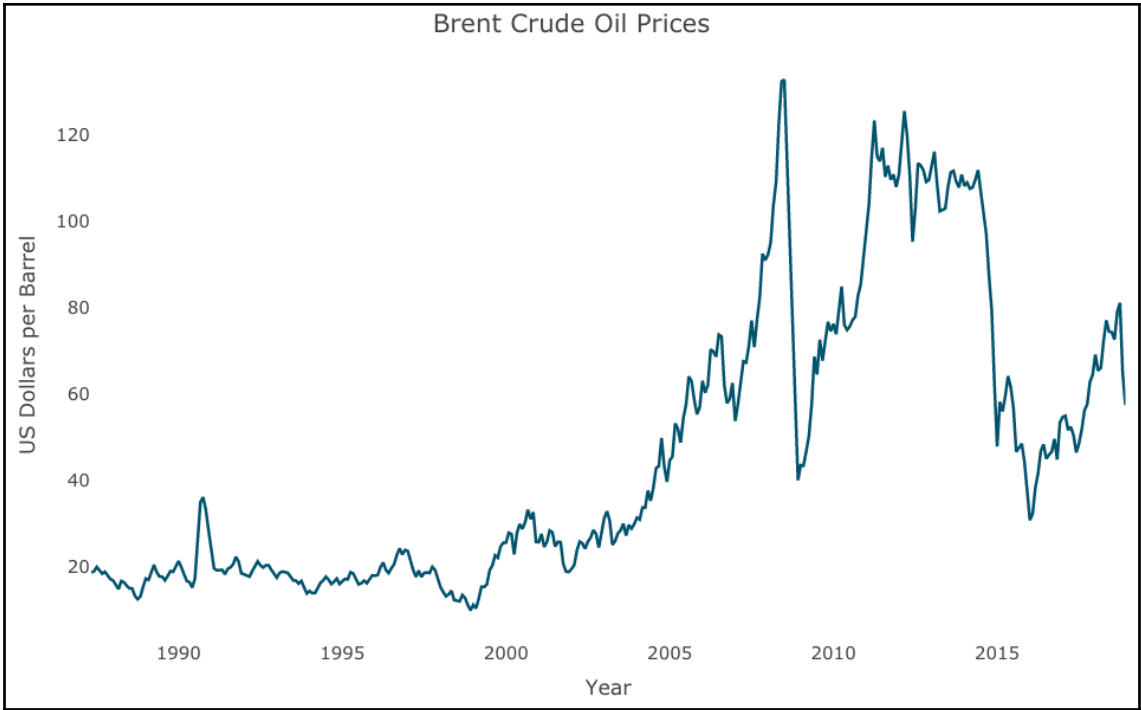


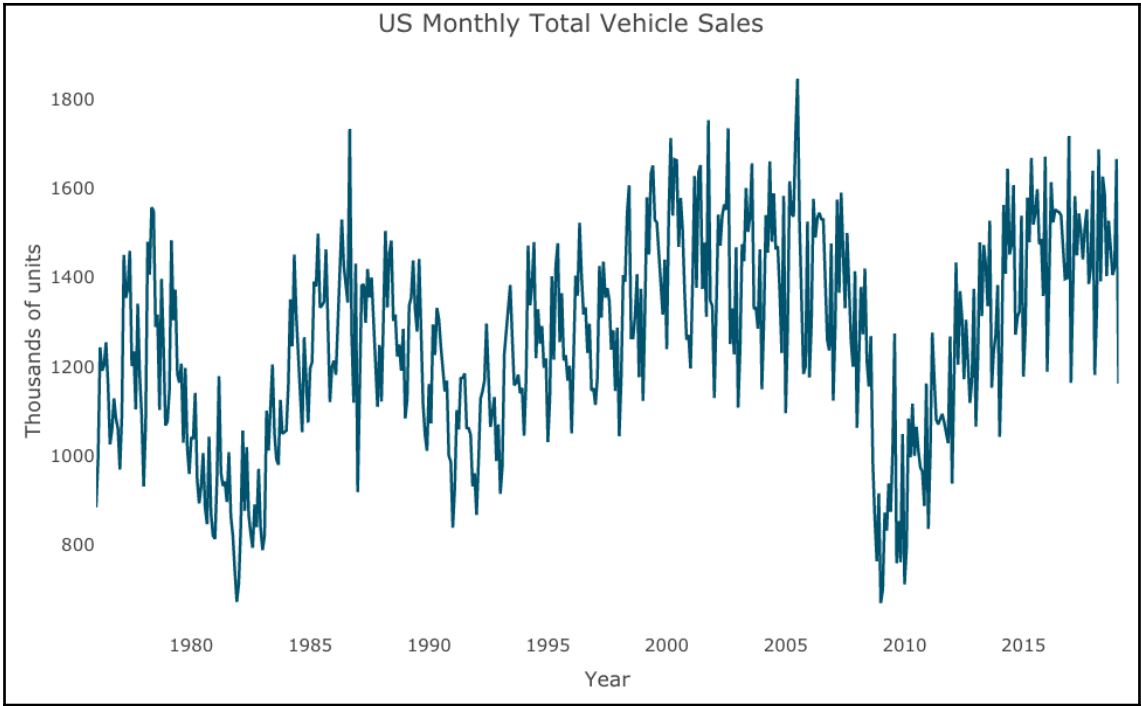


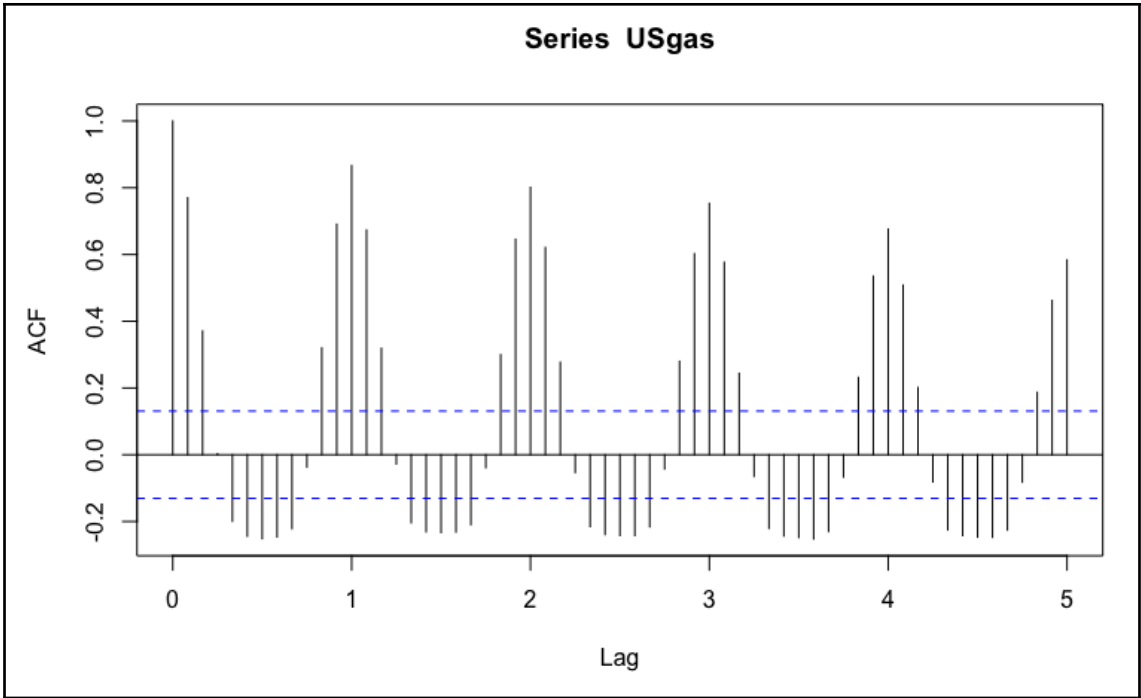


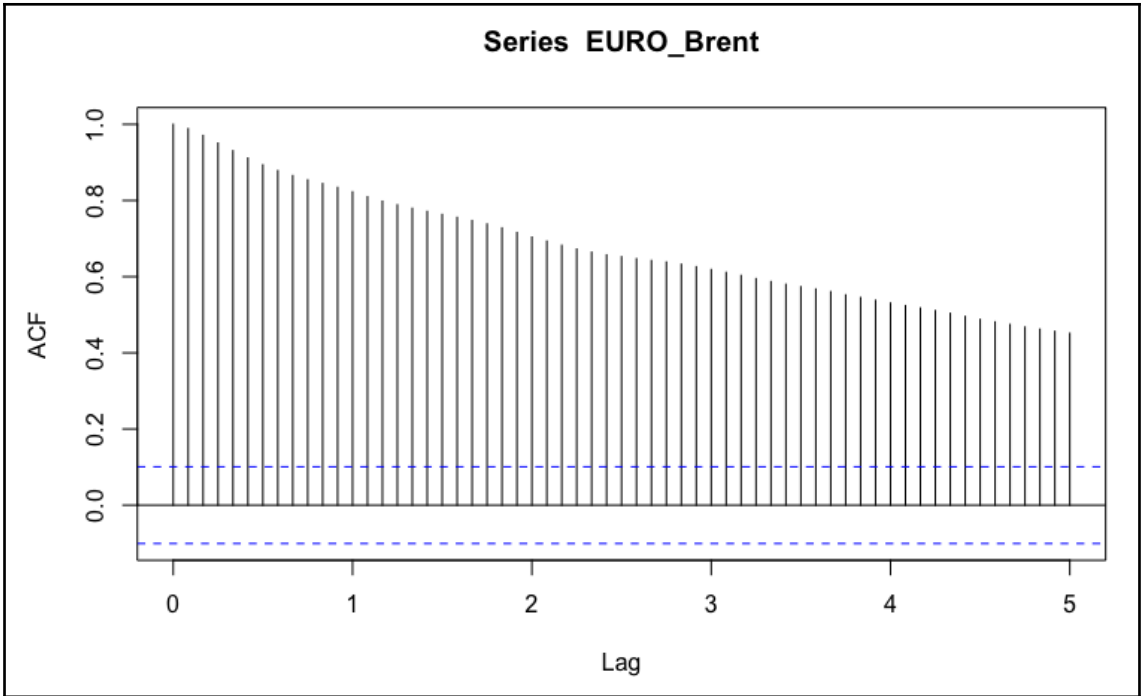
Chapter 7: Correlation Analysis

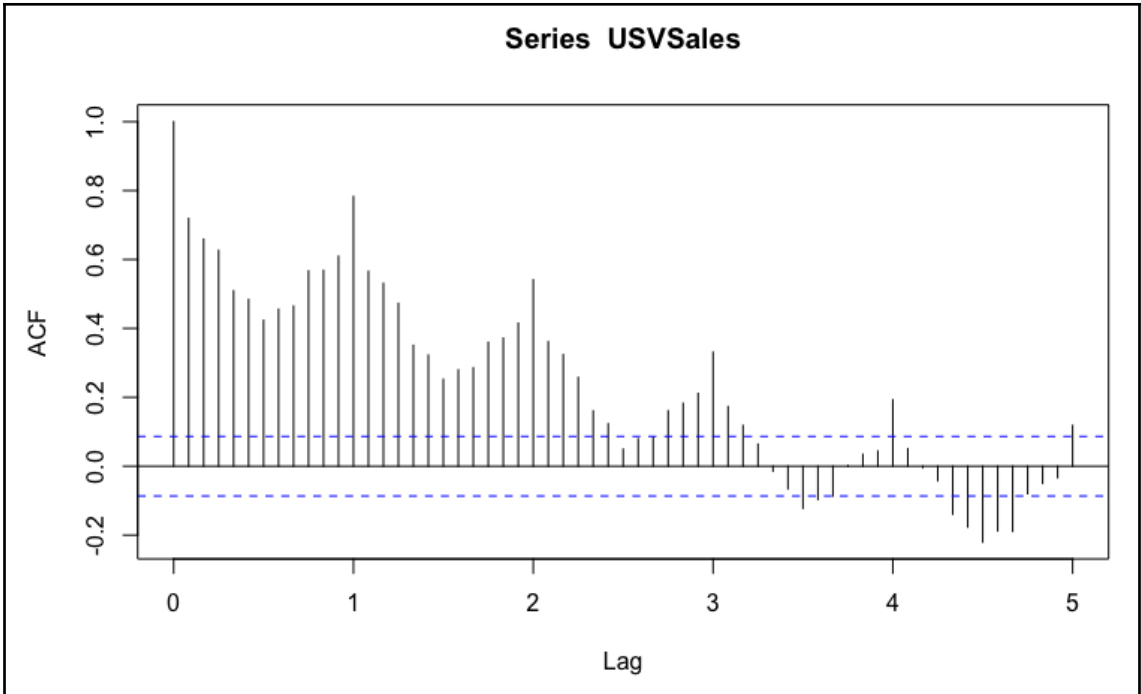


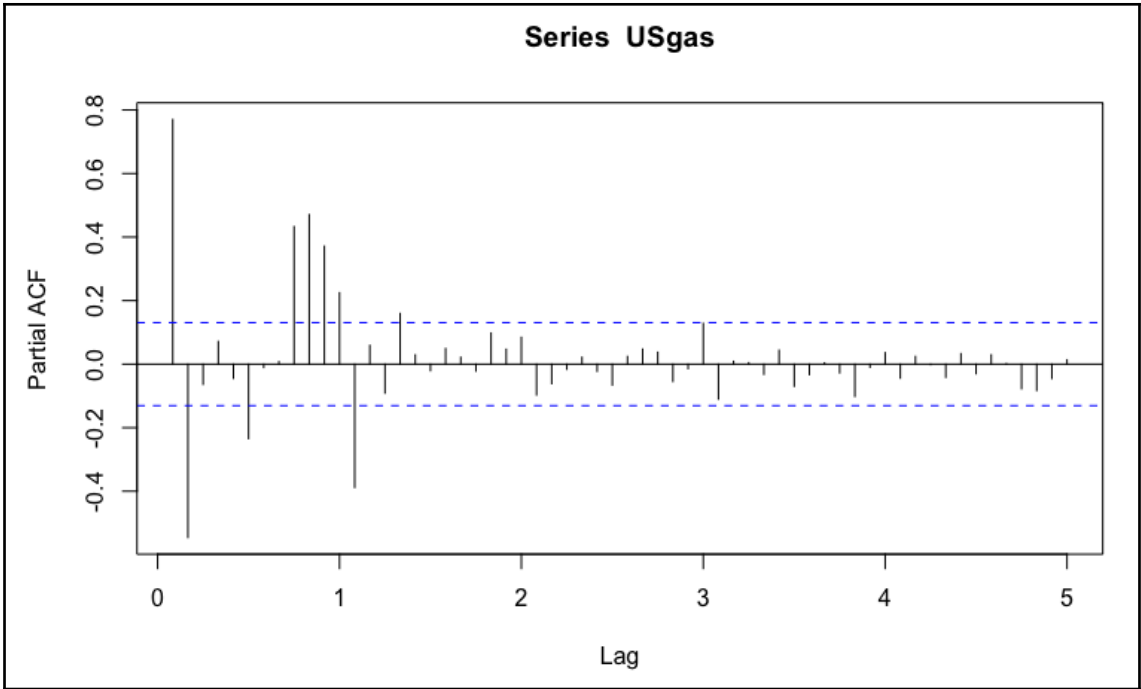


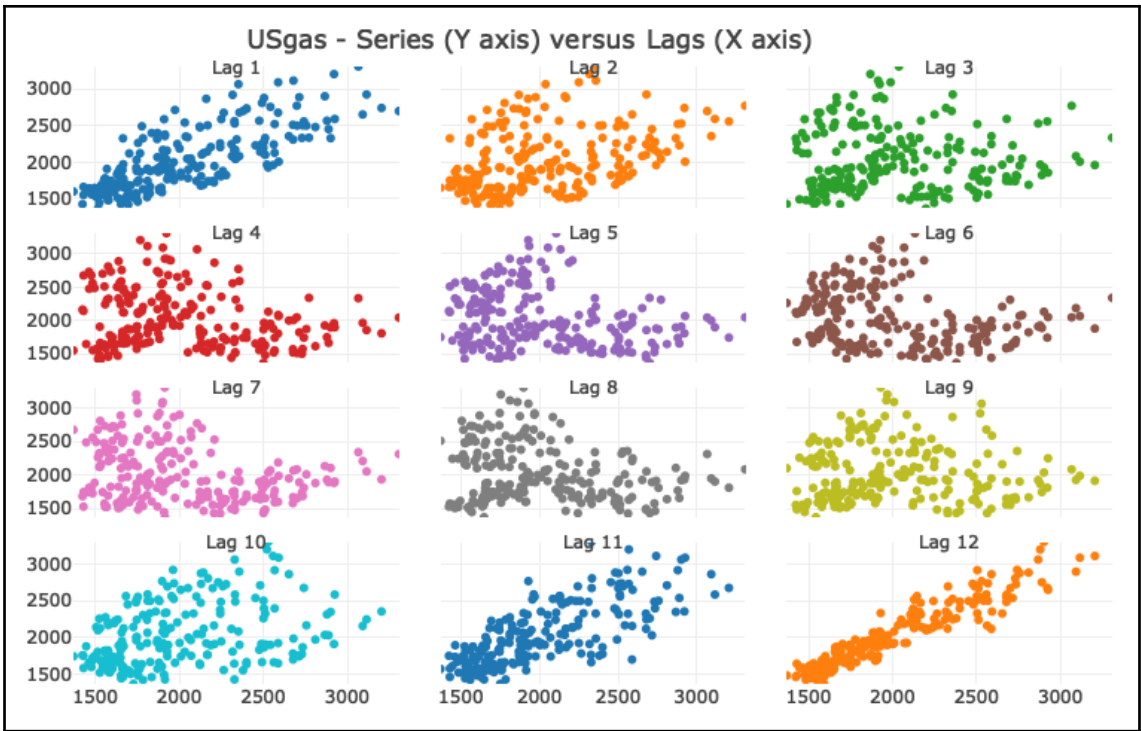


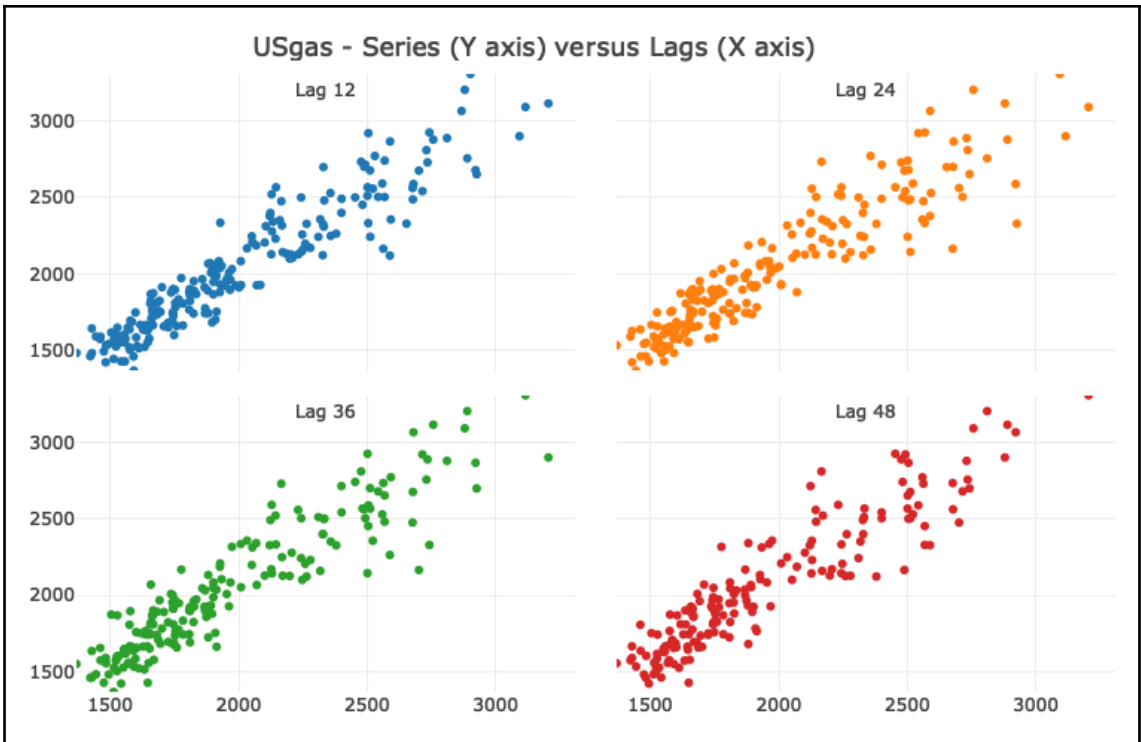


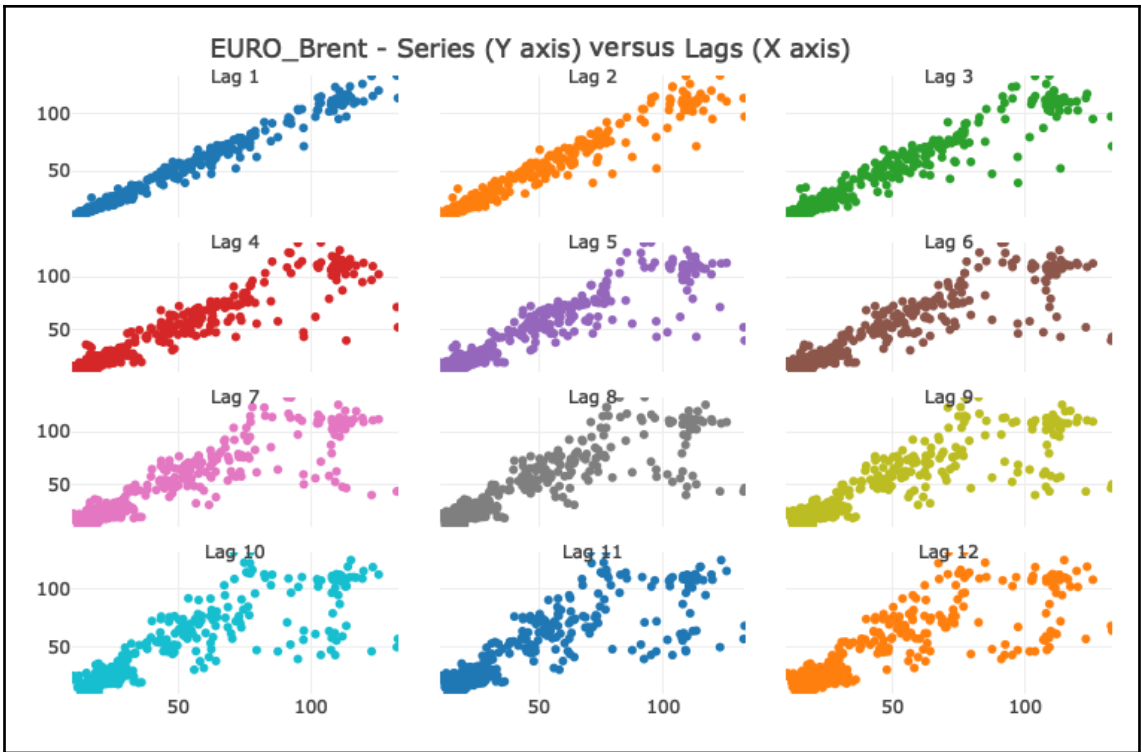


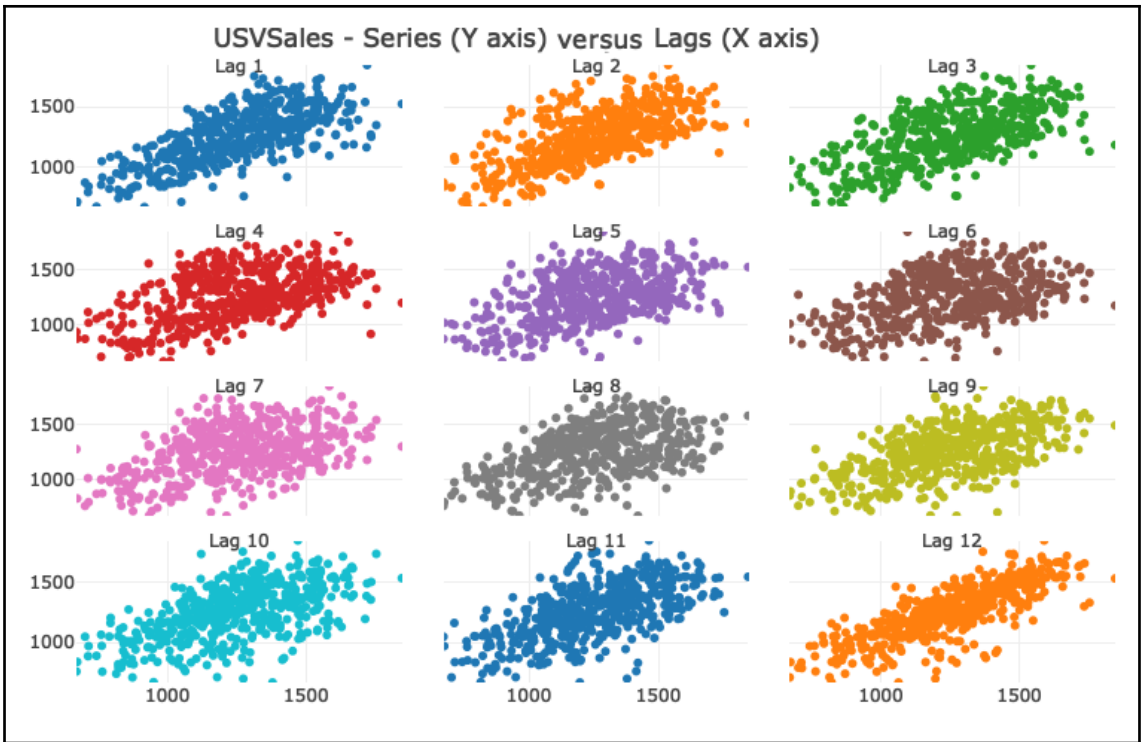


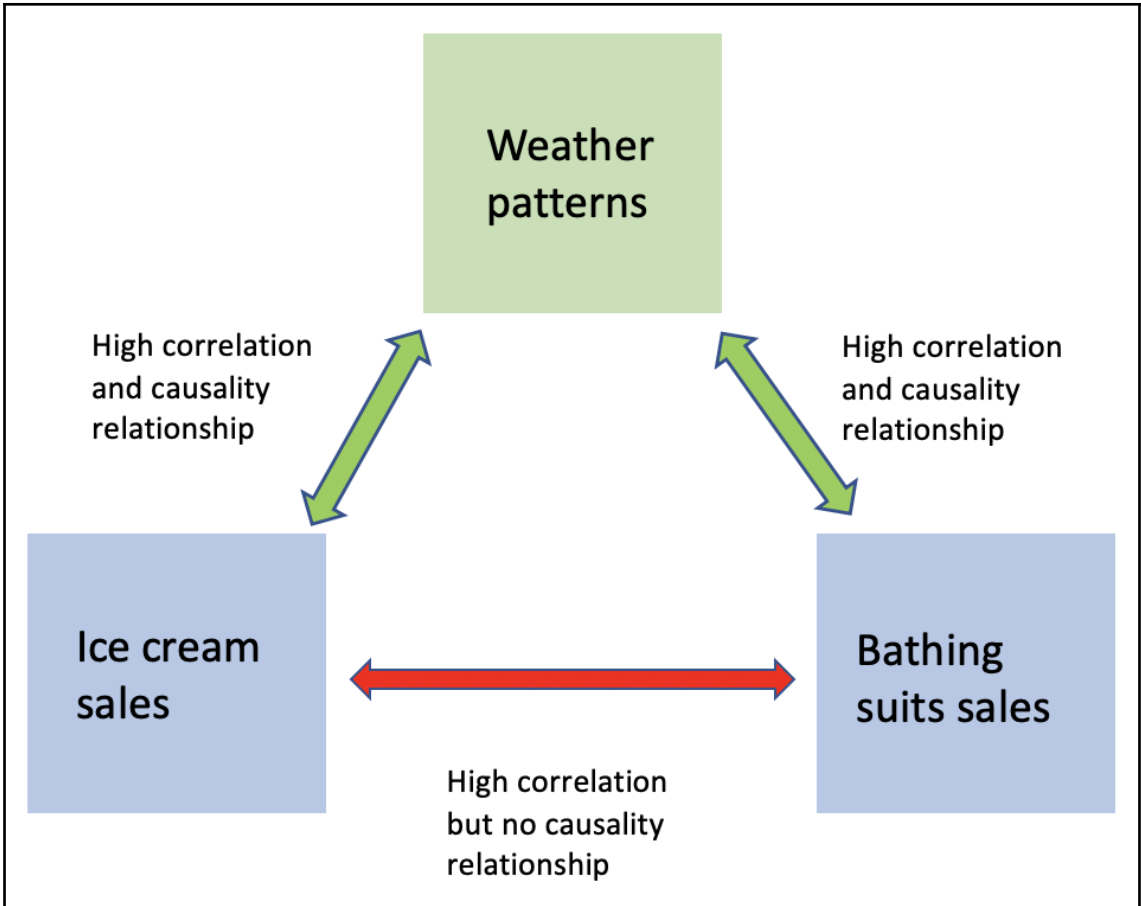


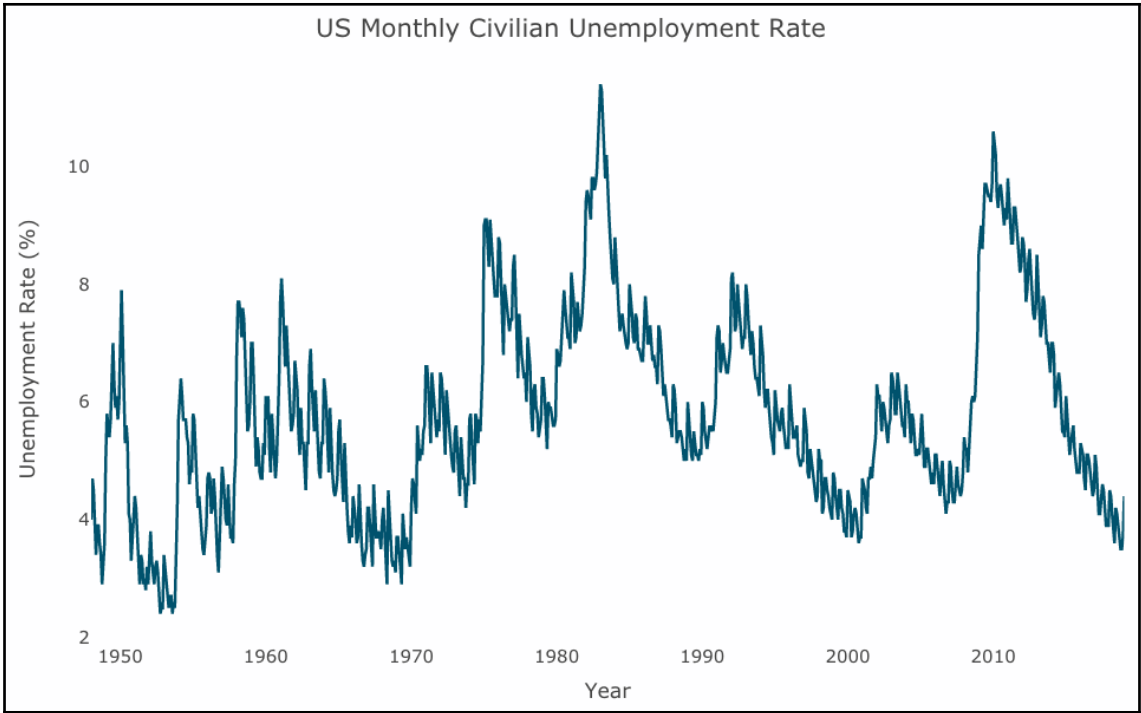


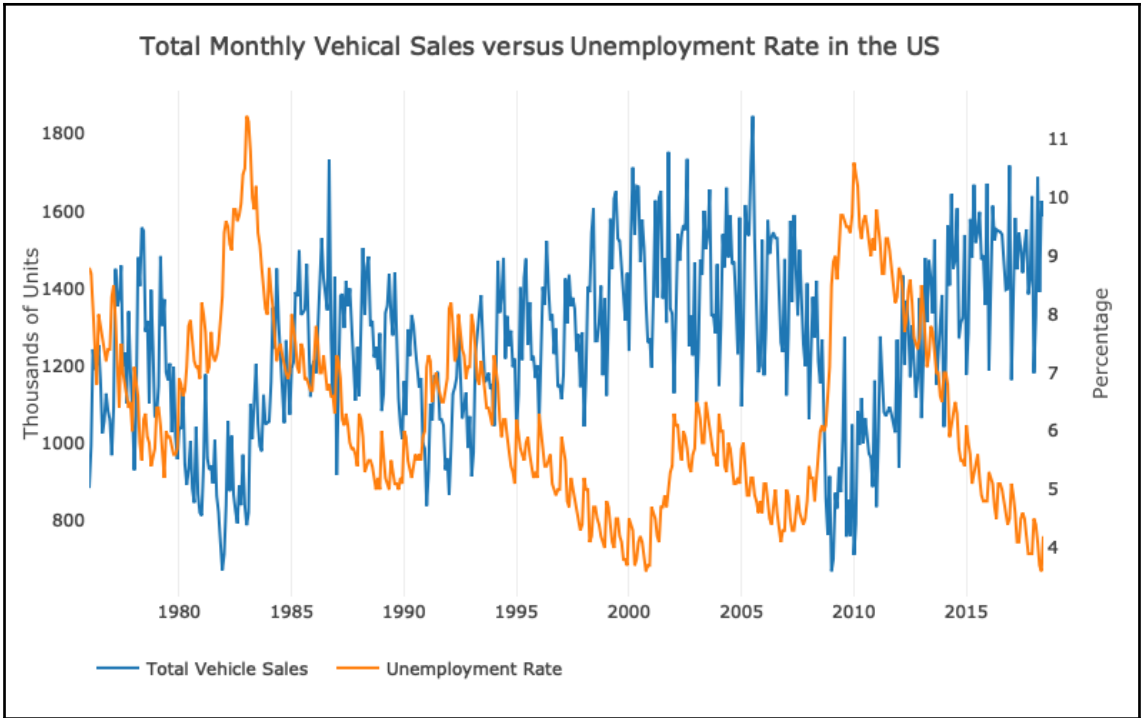


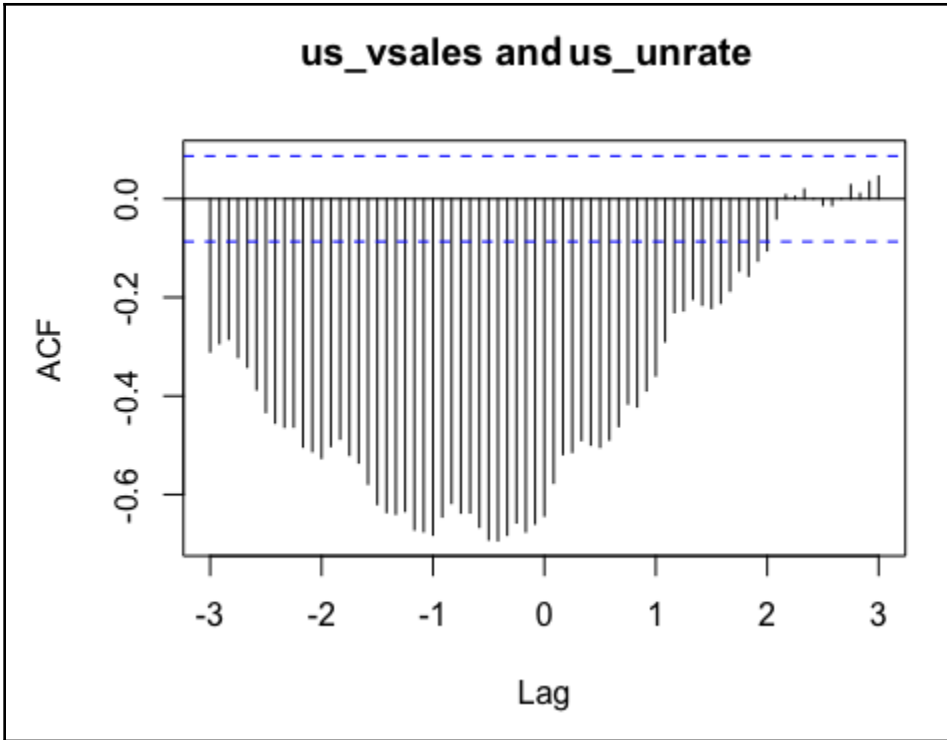


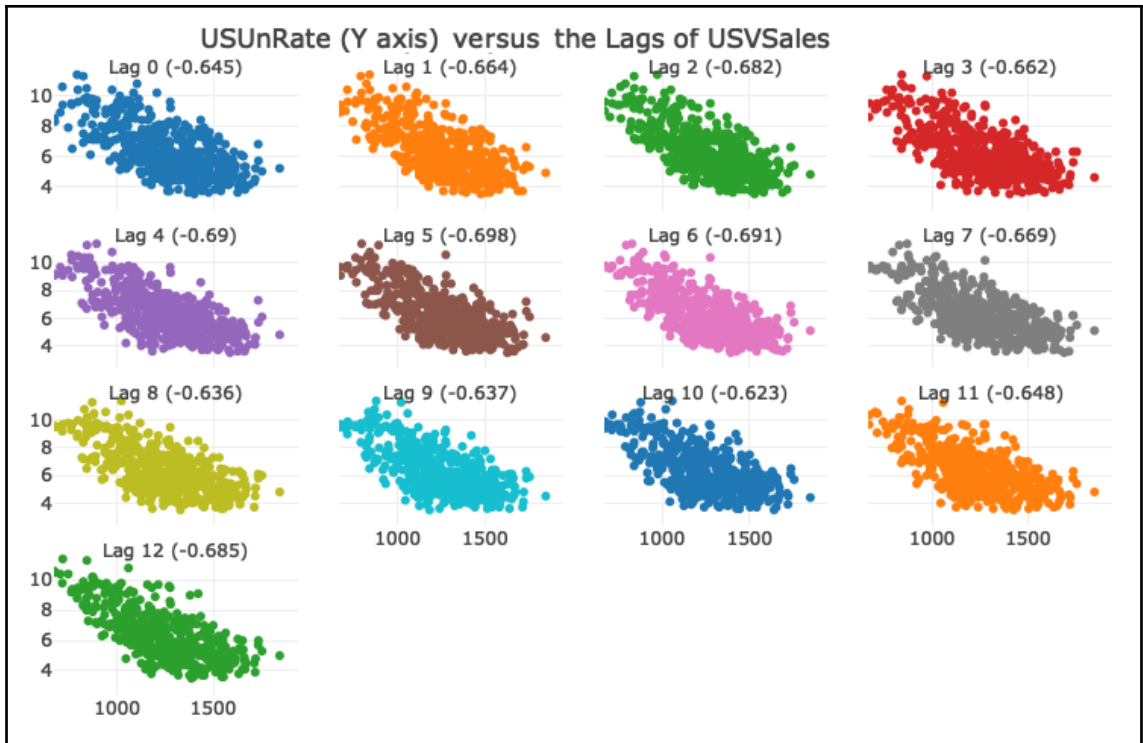




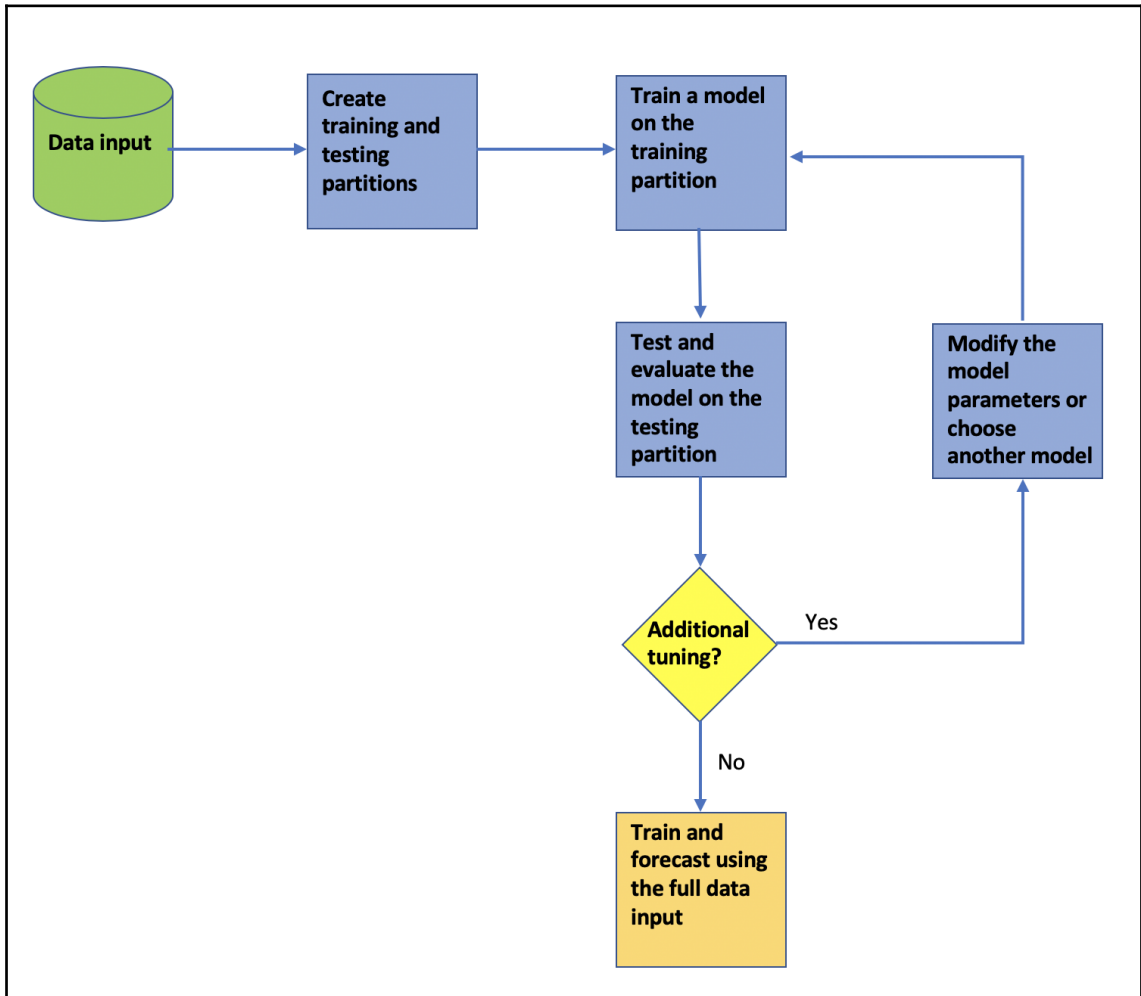


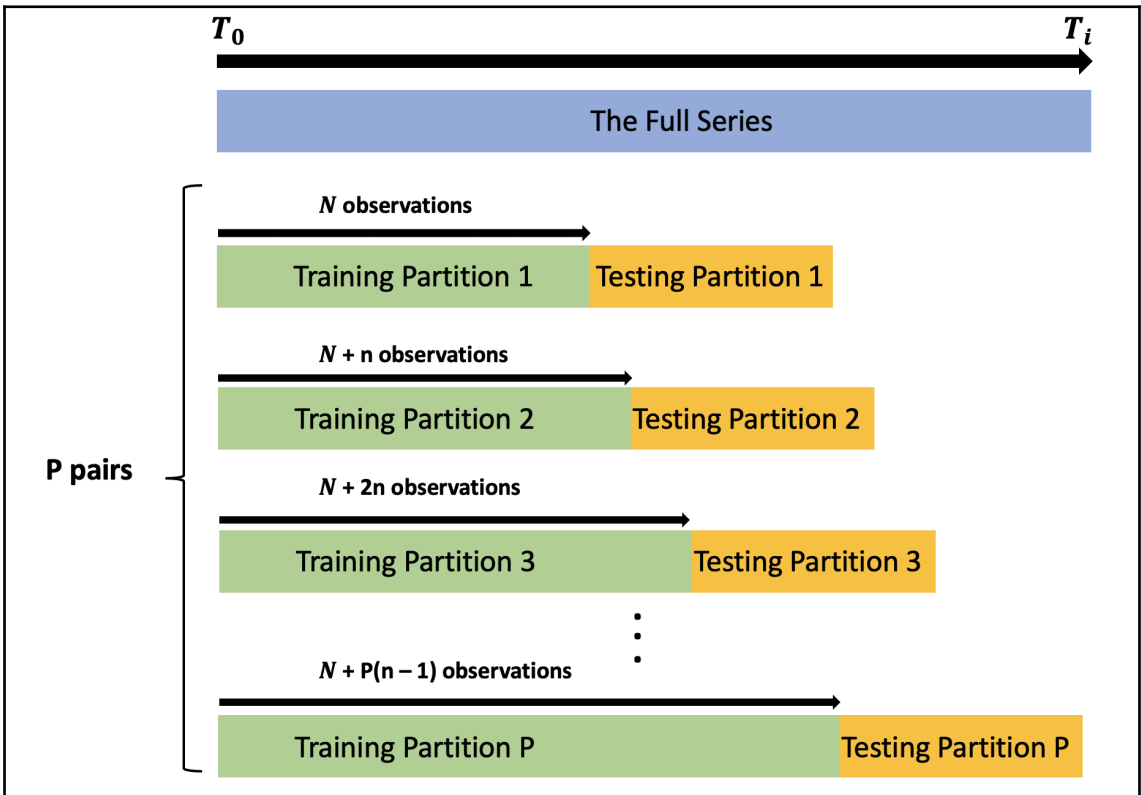
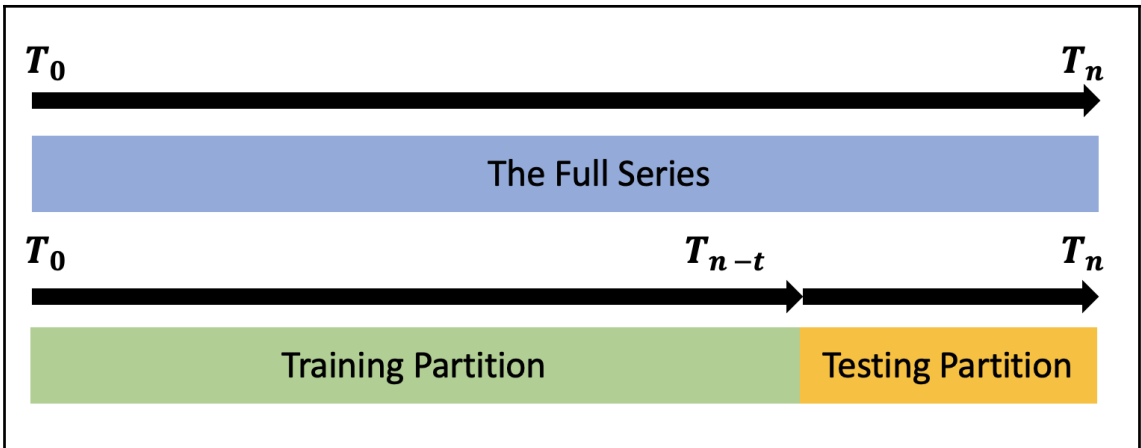


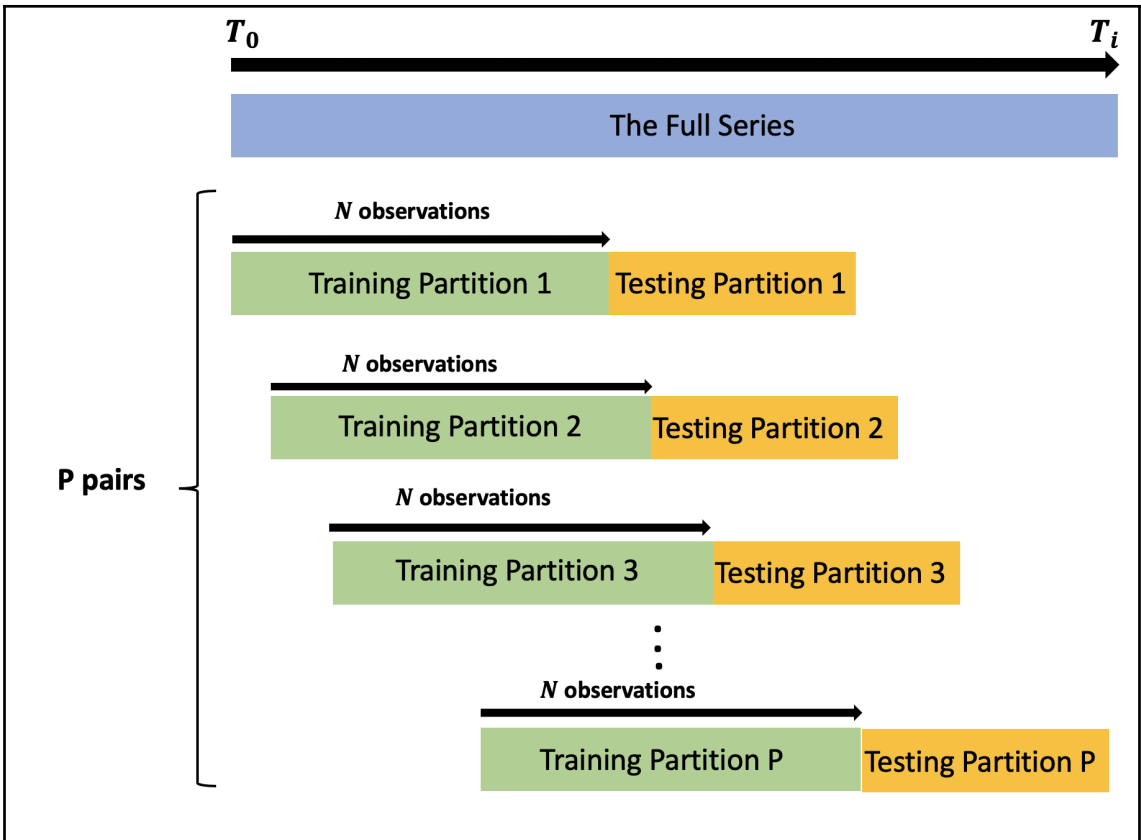


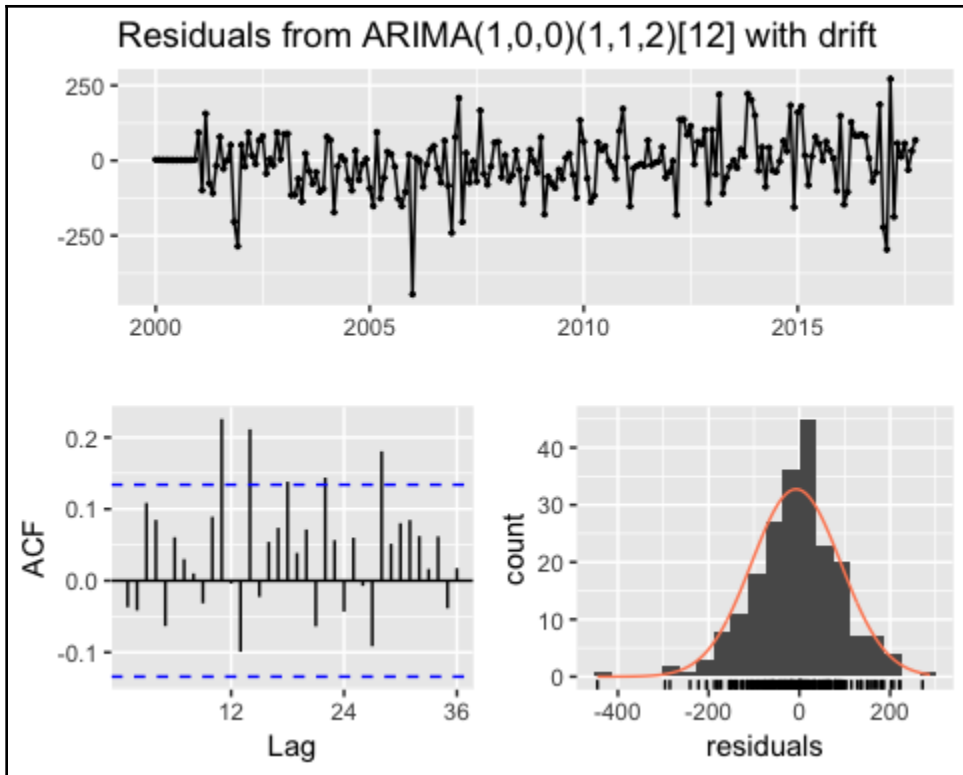


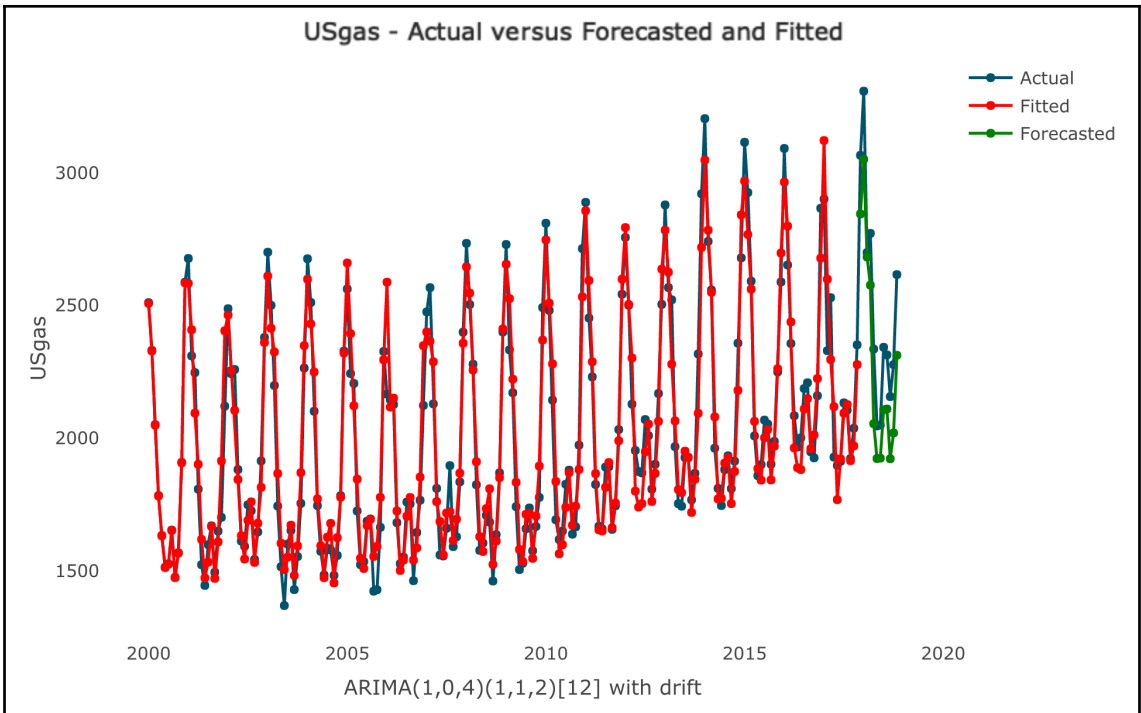
Chapter 8: Forecasting Strategies

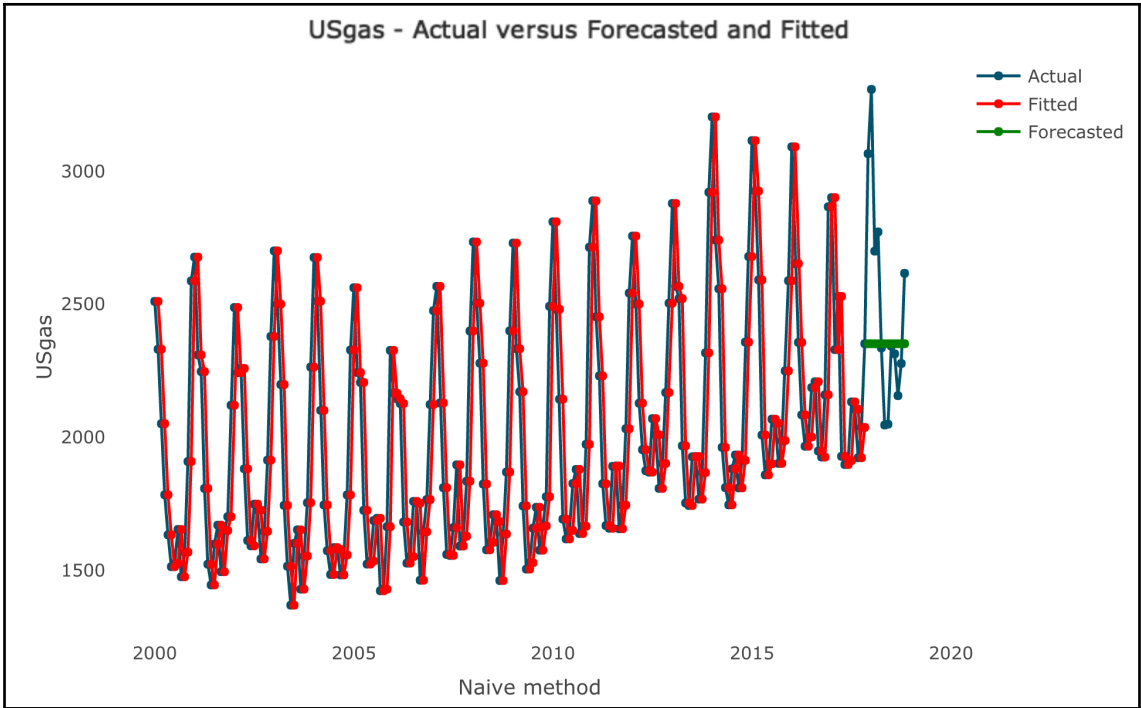


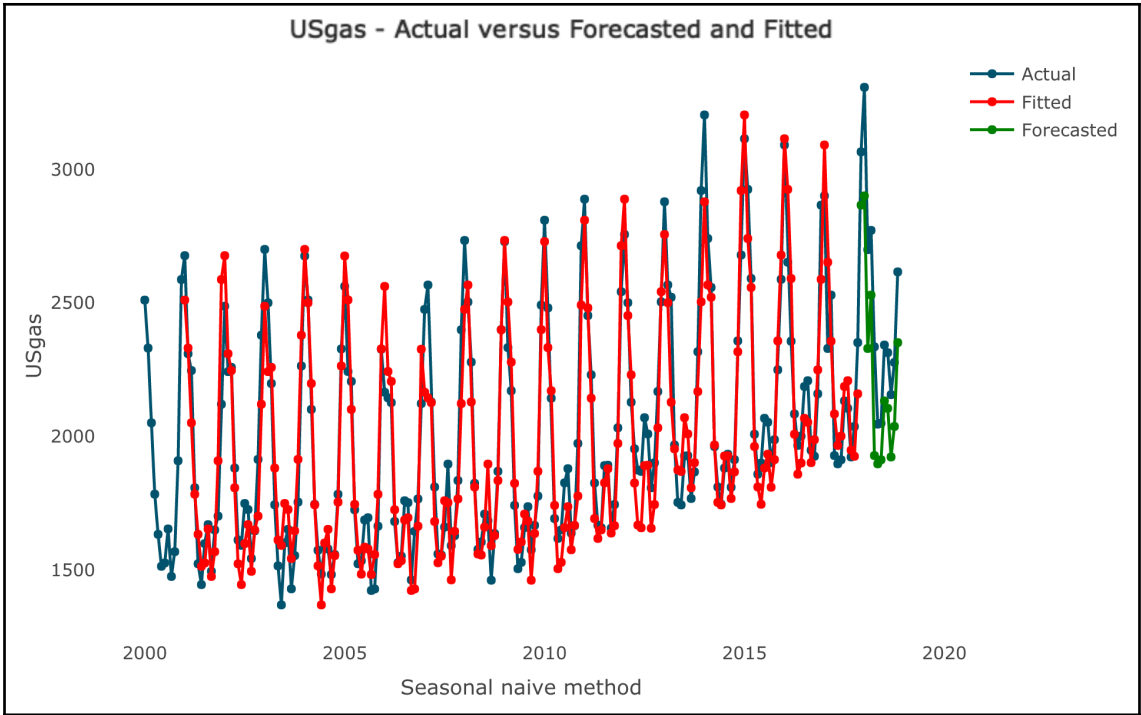


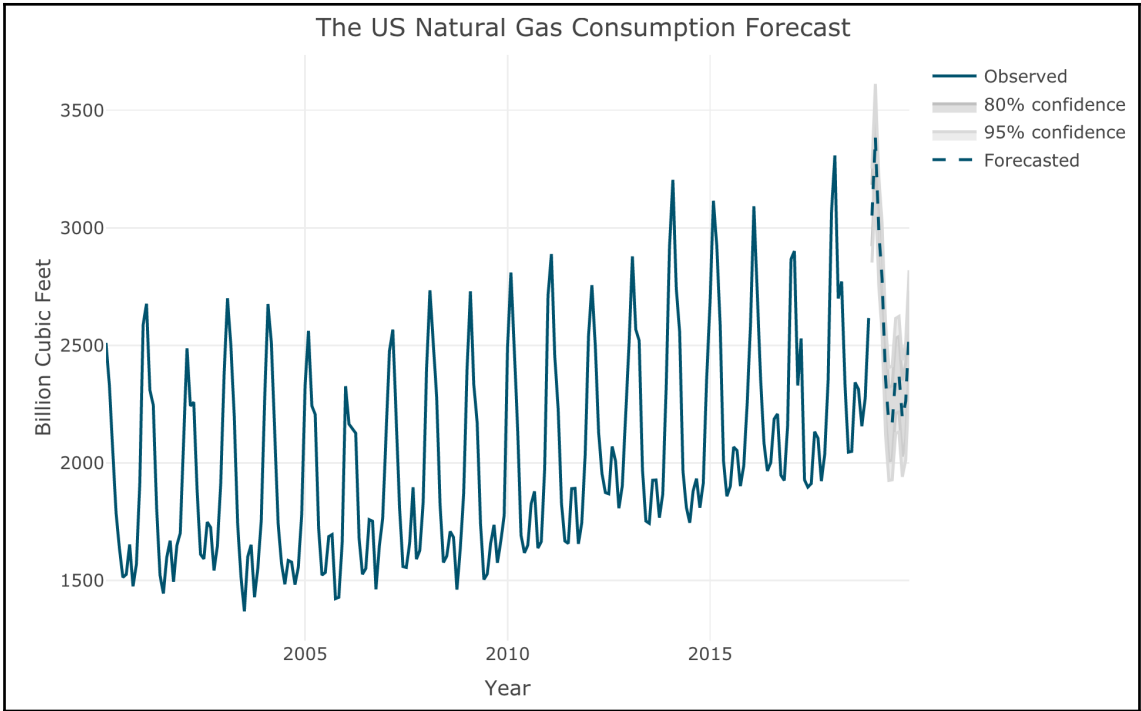


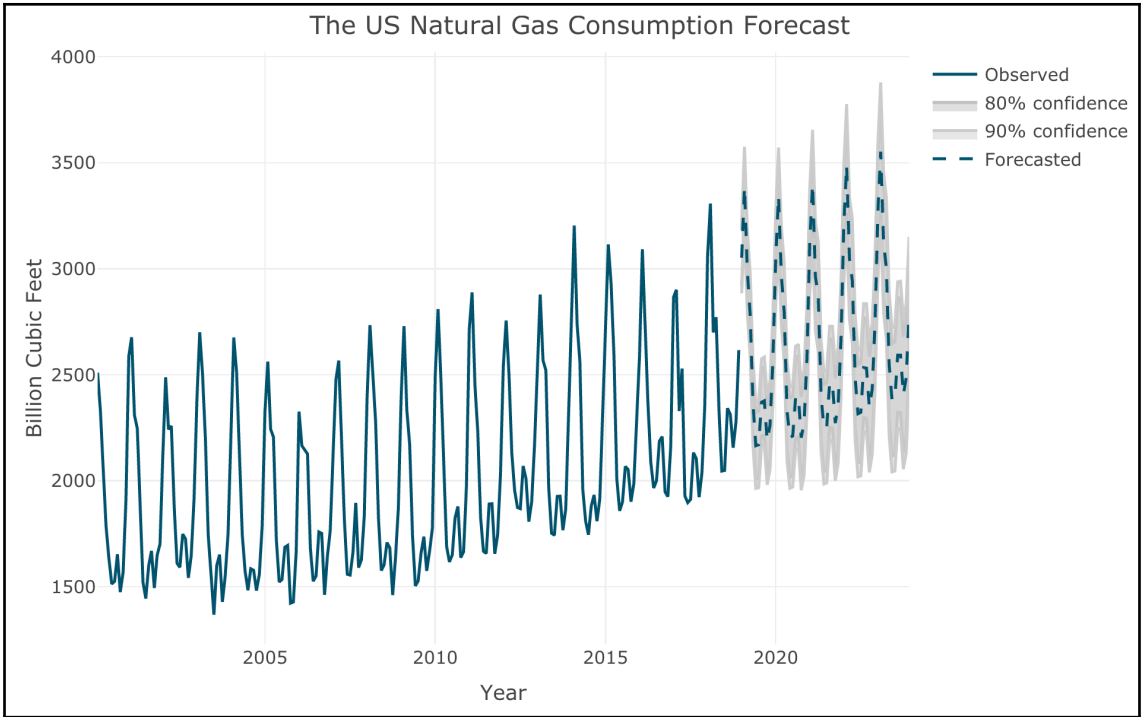


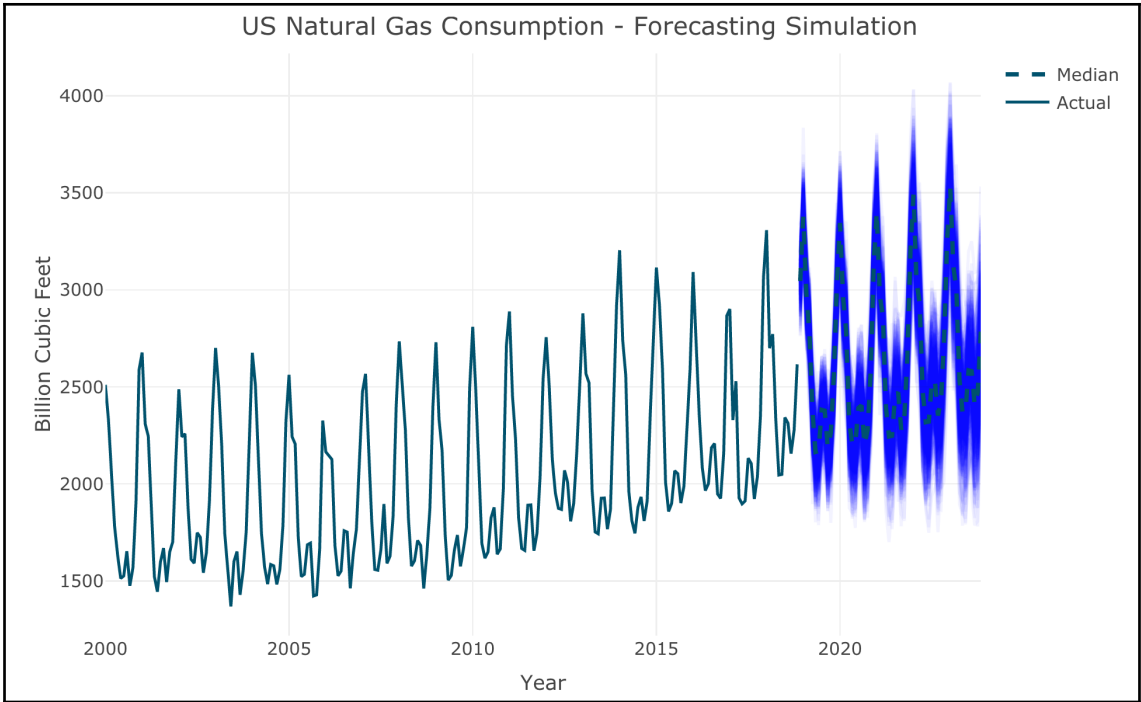


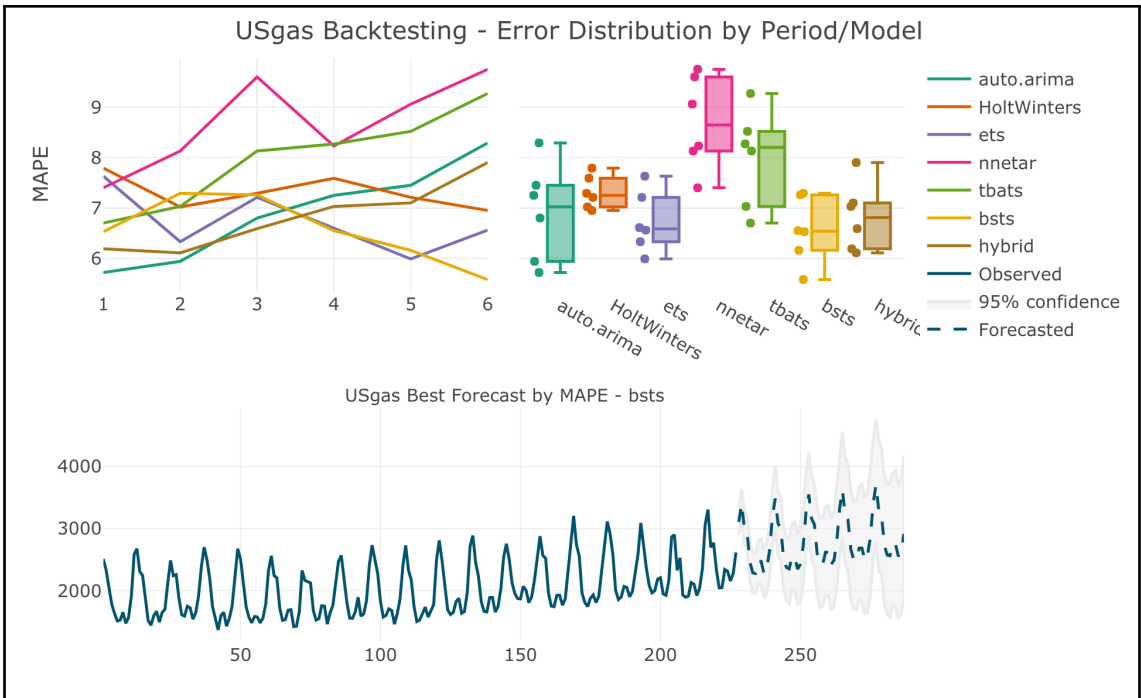




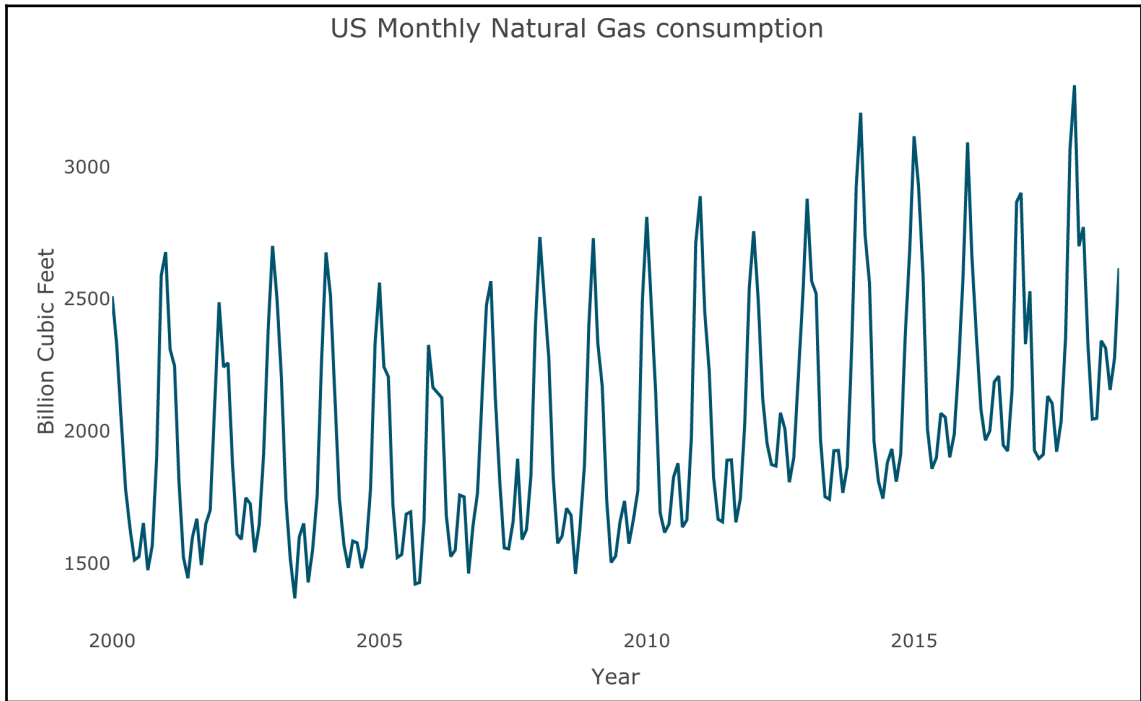


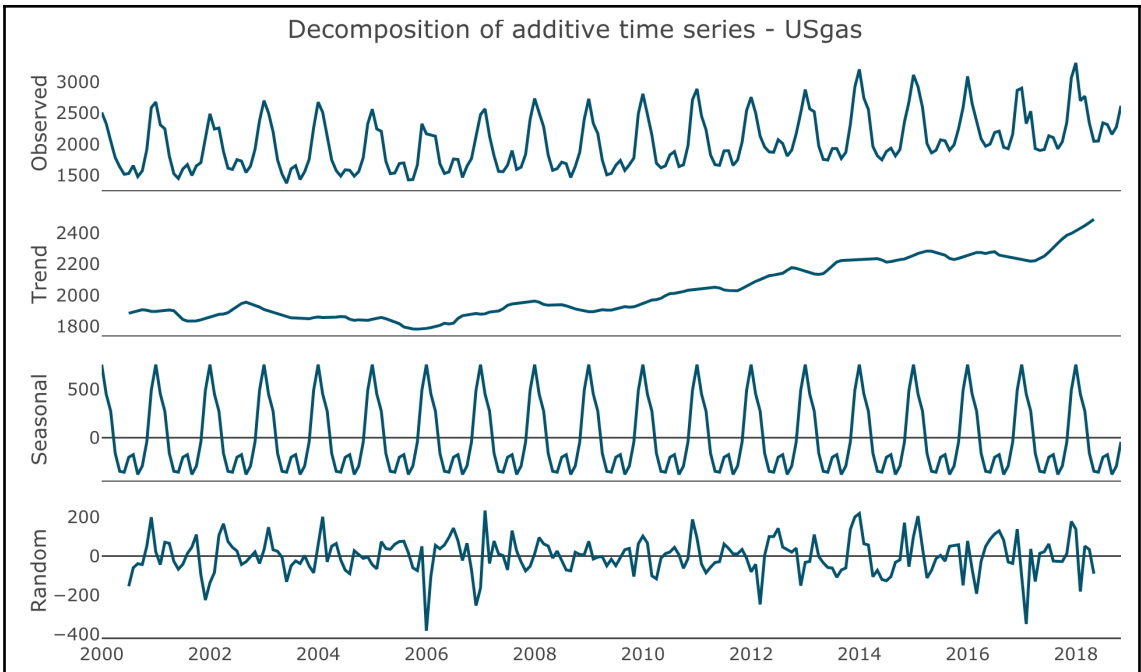


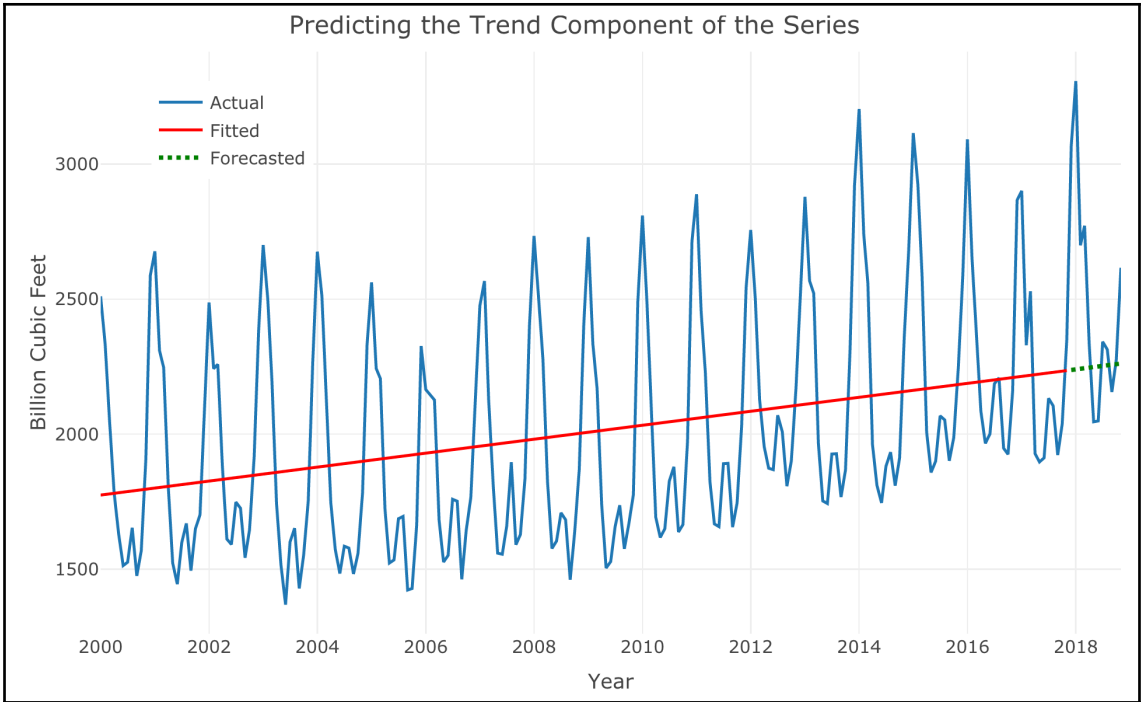


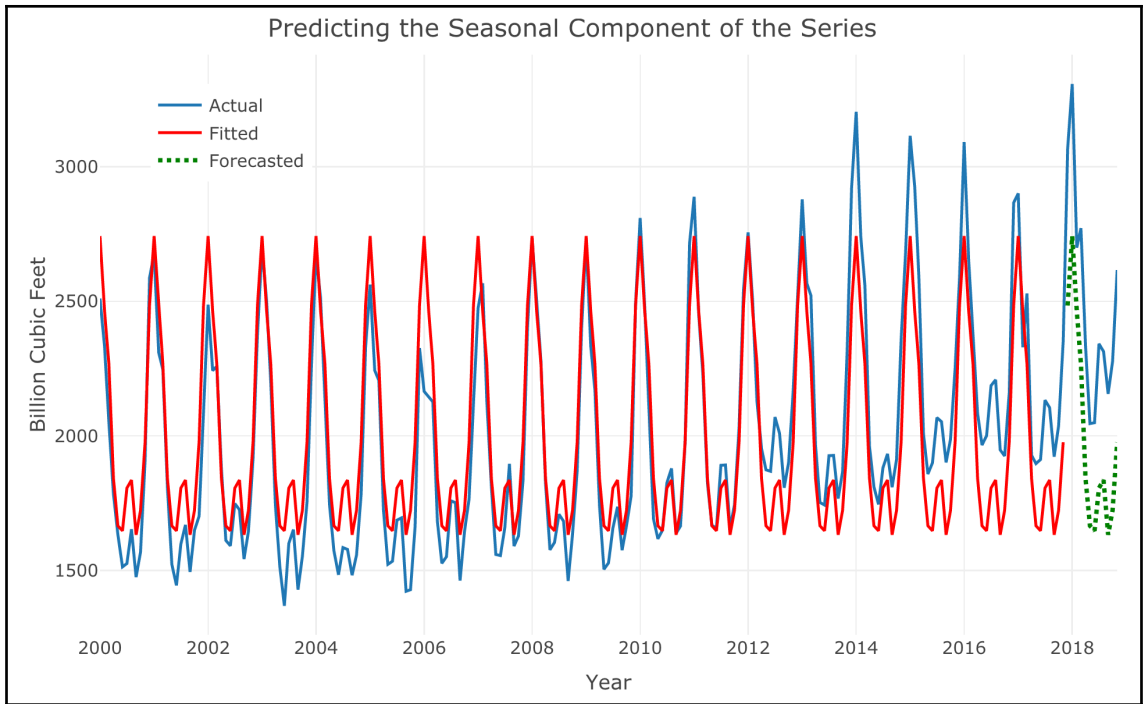


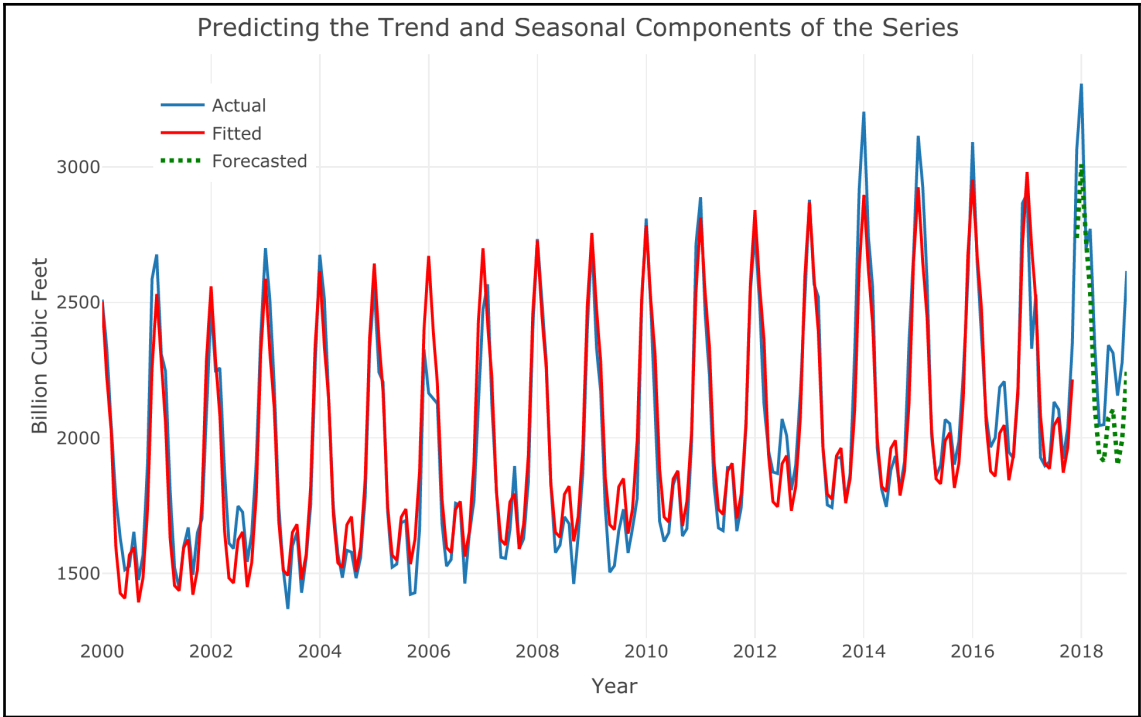
Chapter 9: Forecasting with Linear Regression

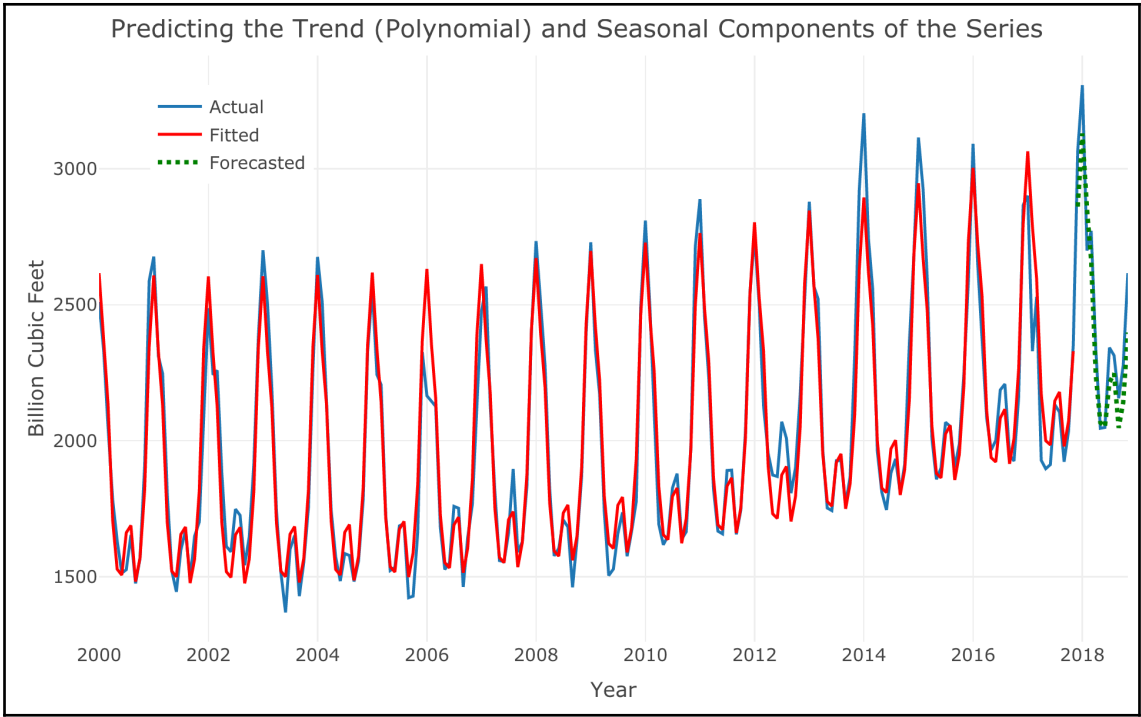


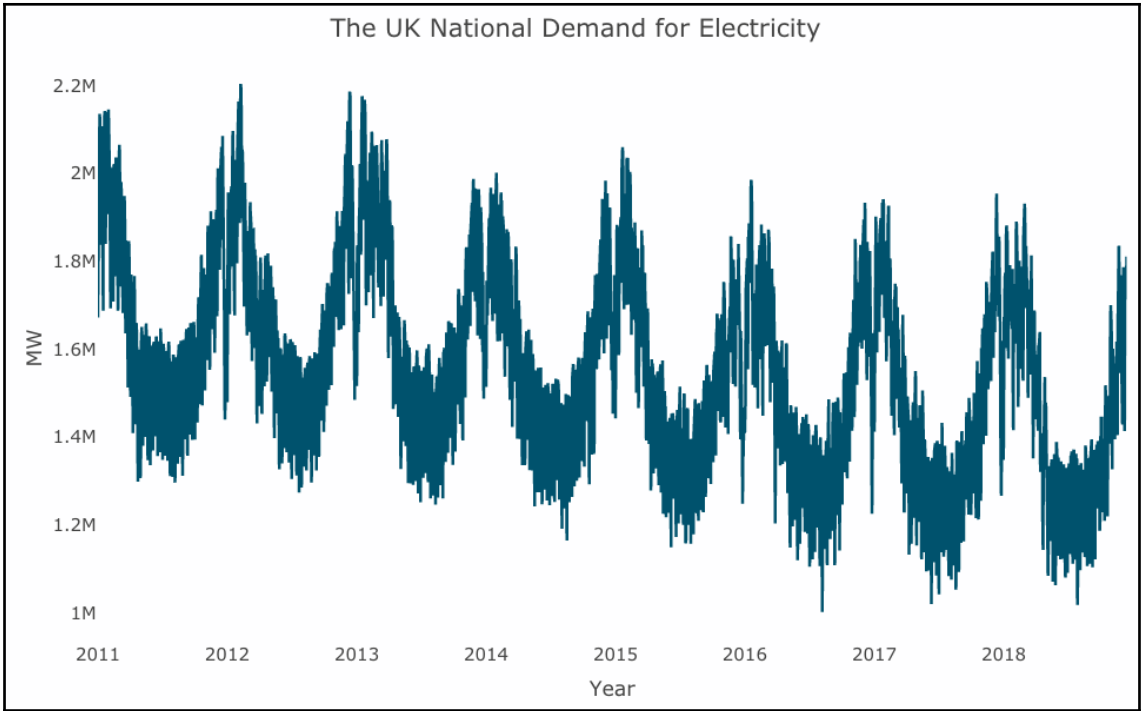


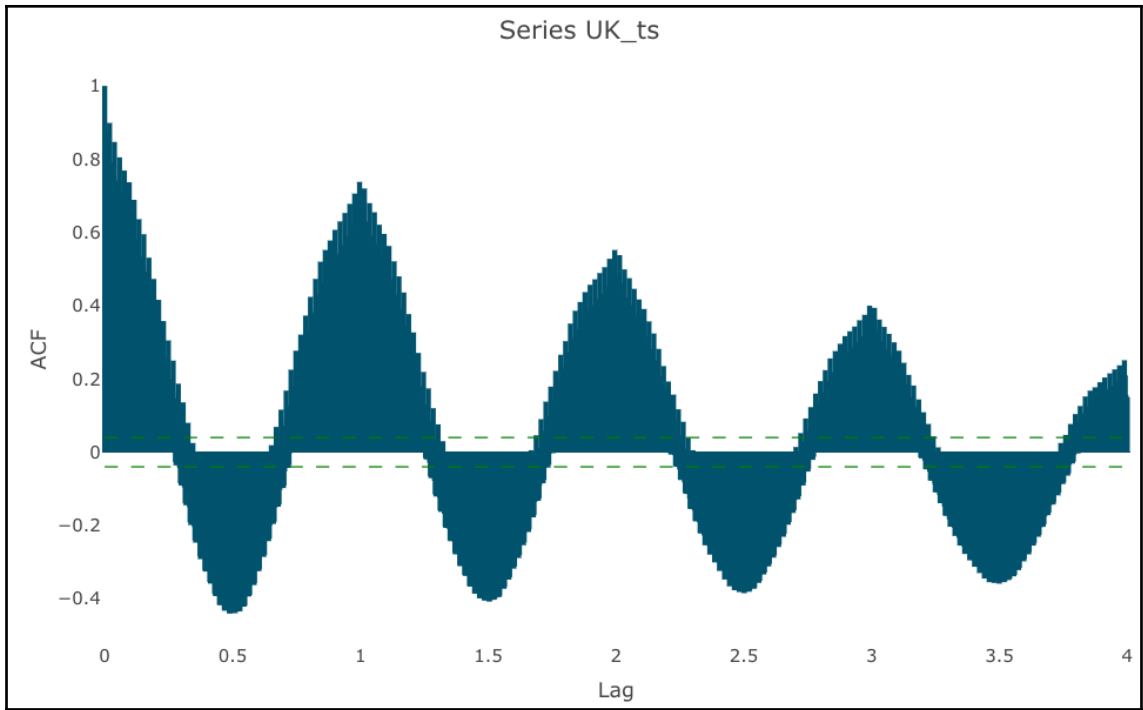


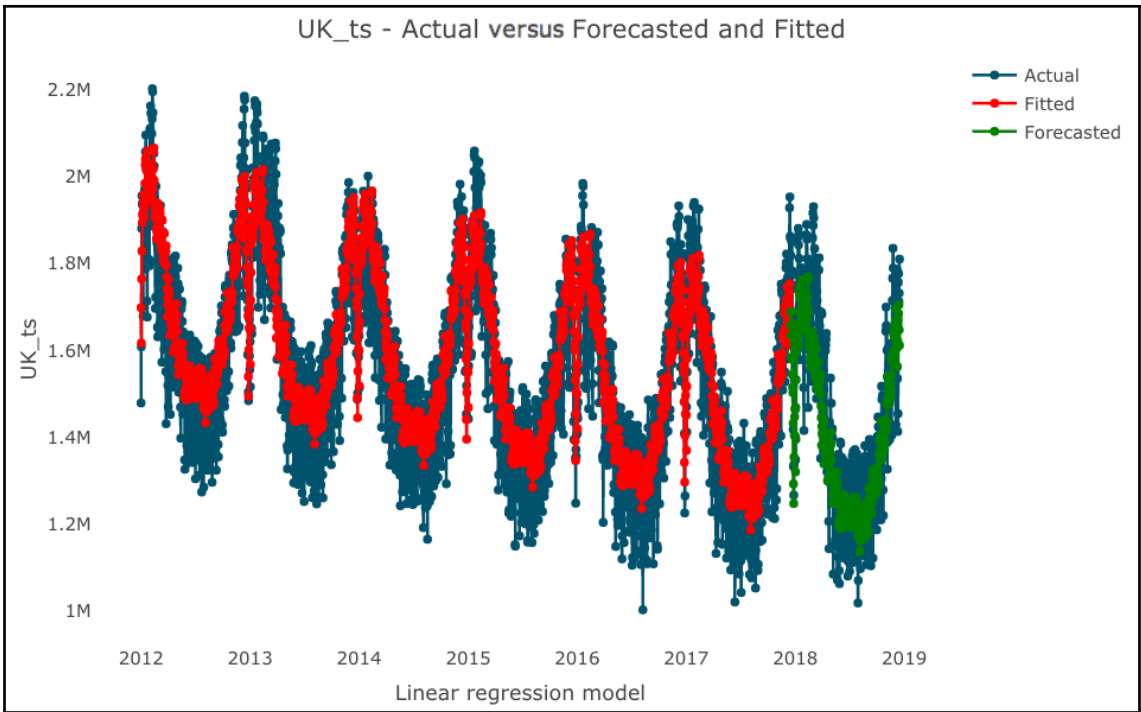


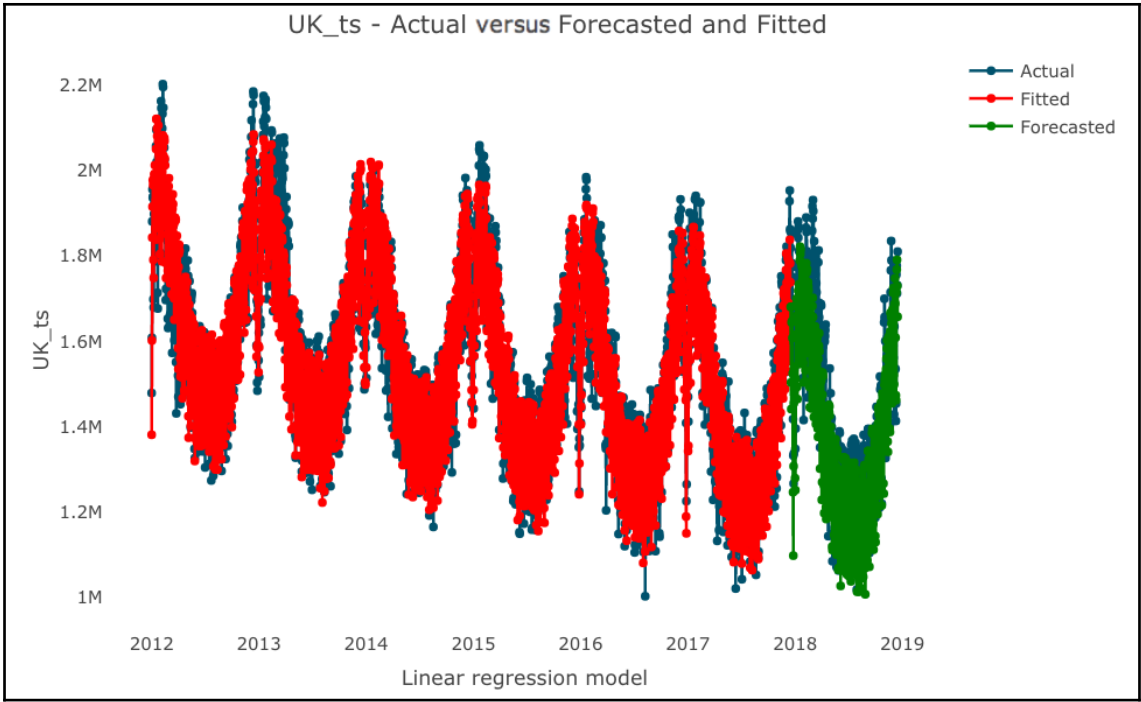


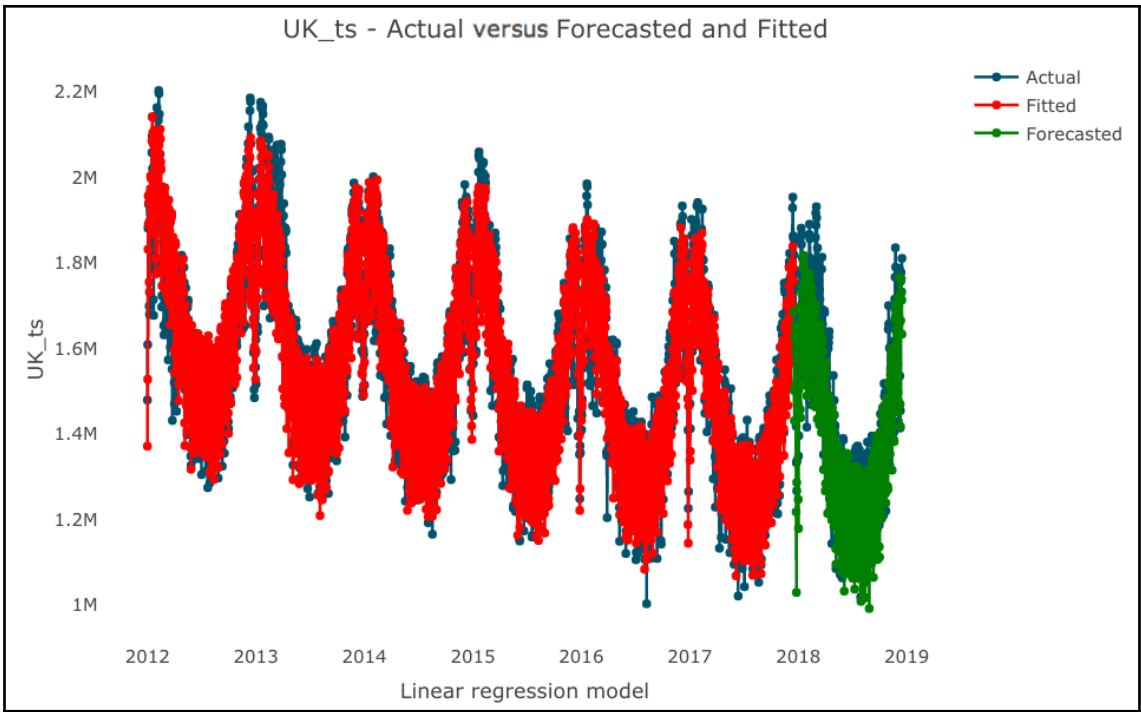


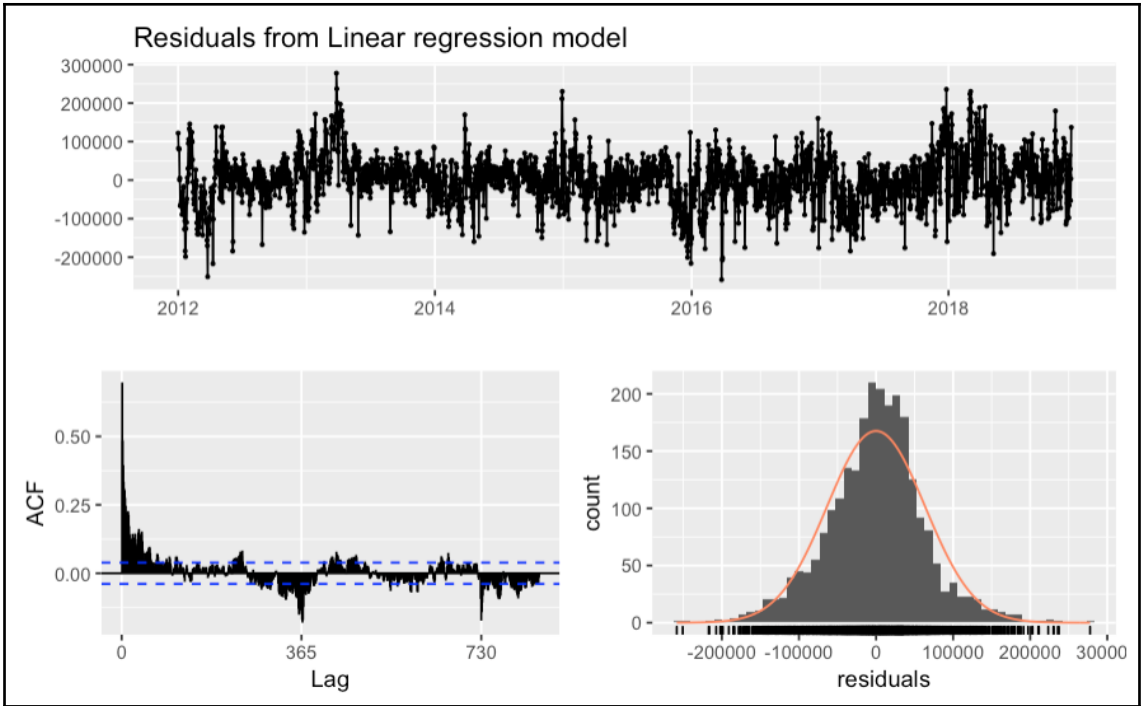


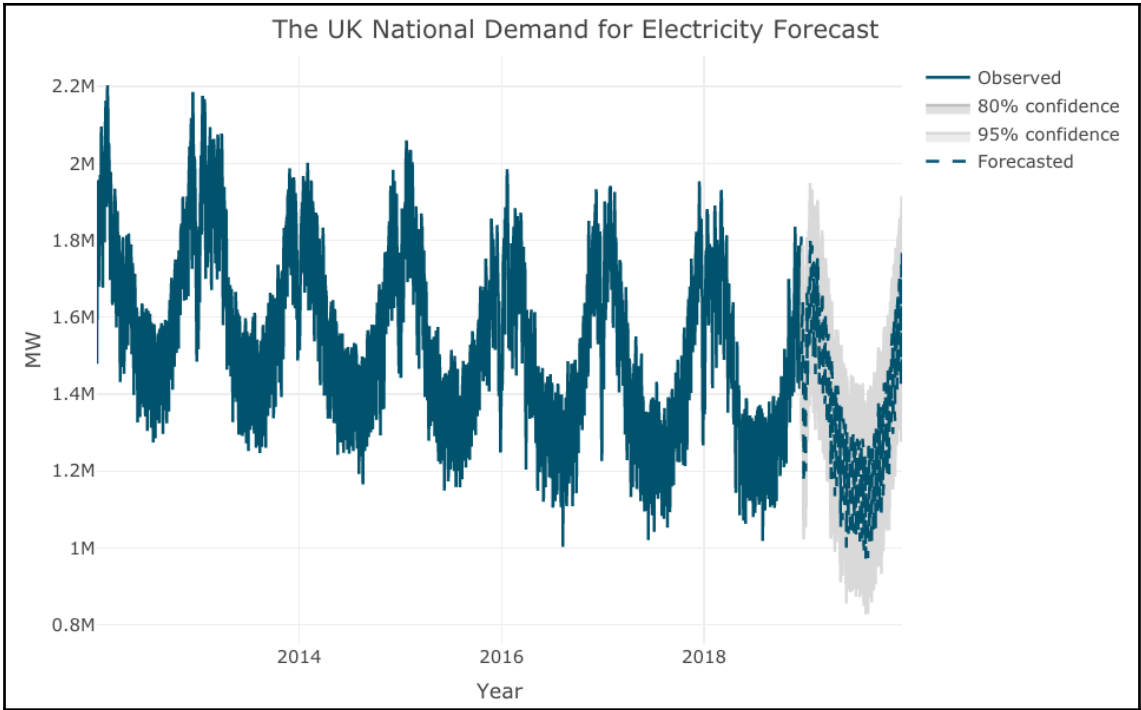




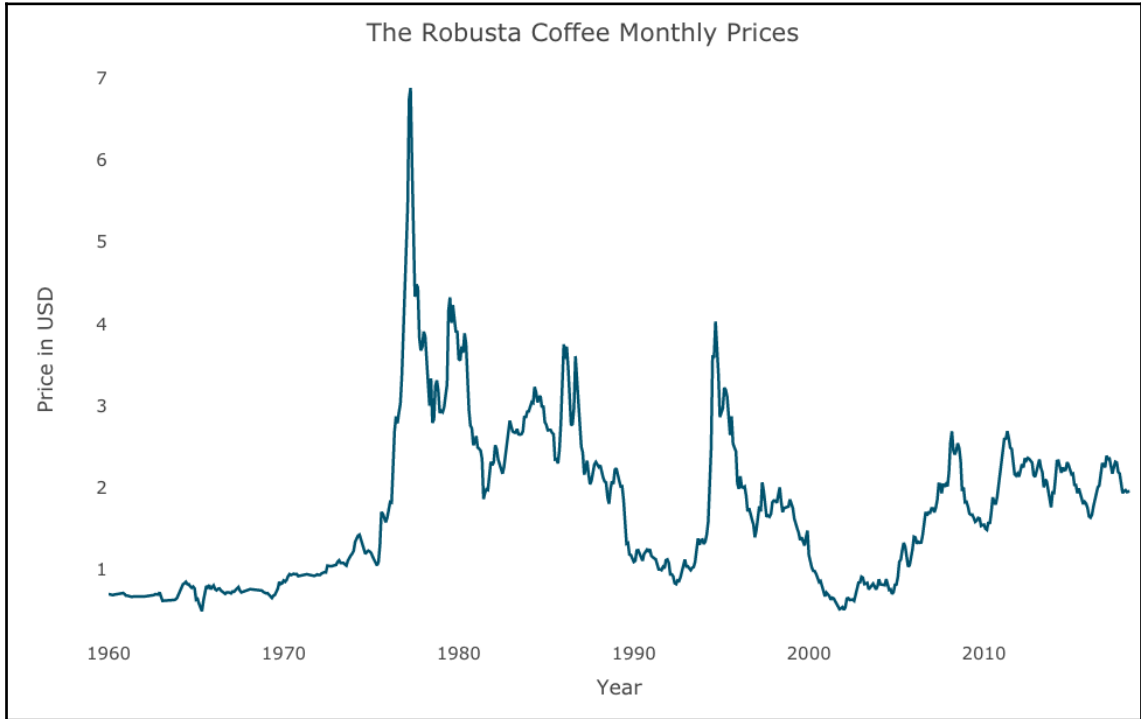


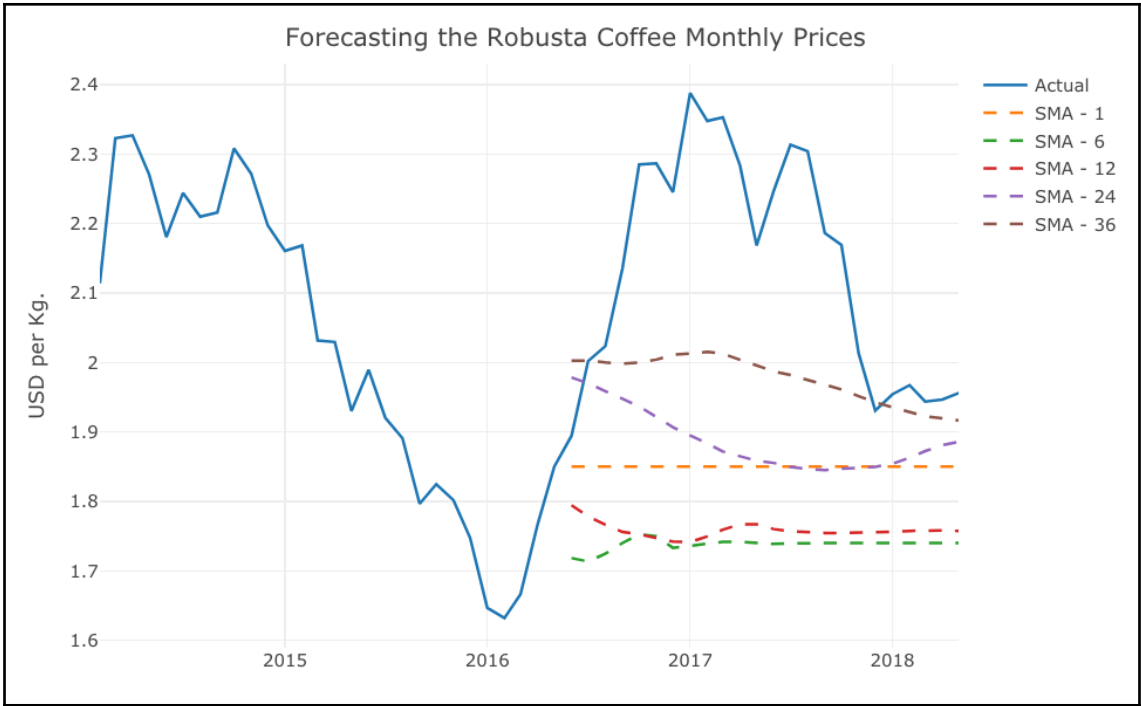


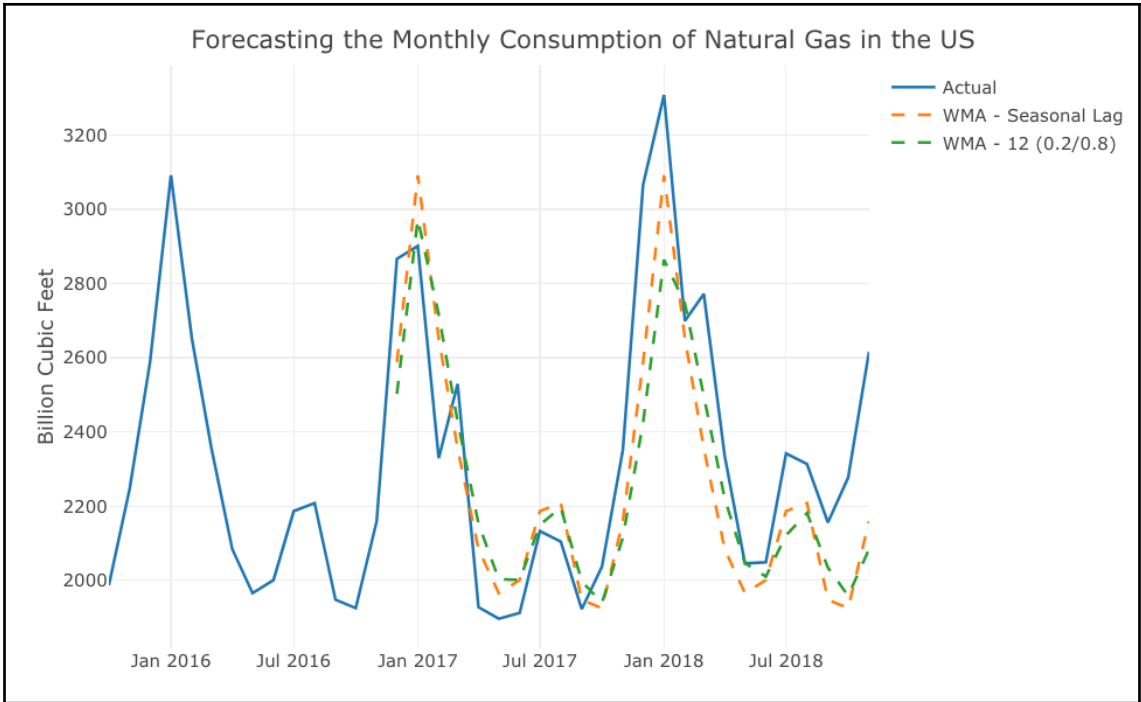


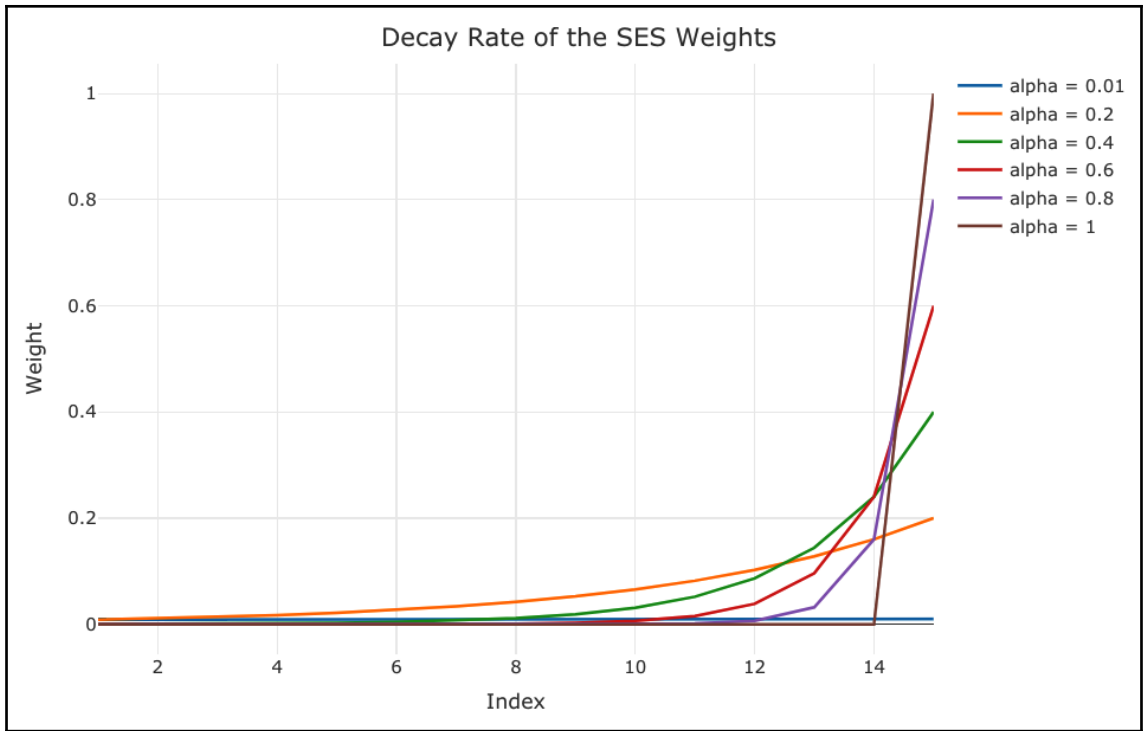


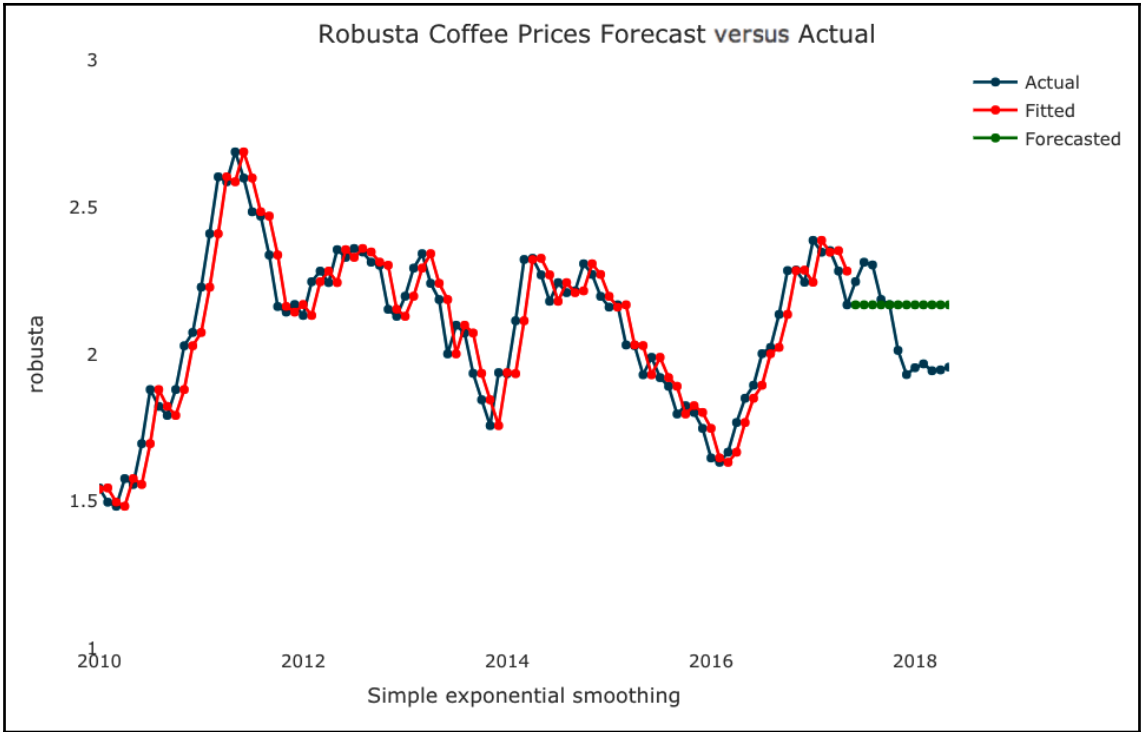
Chapter 10: Forecasting with Exponential Smoothing Models

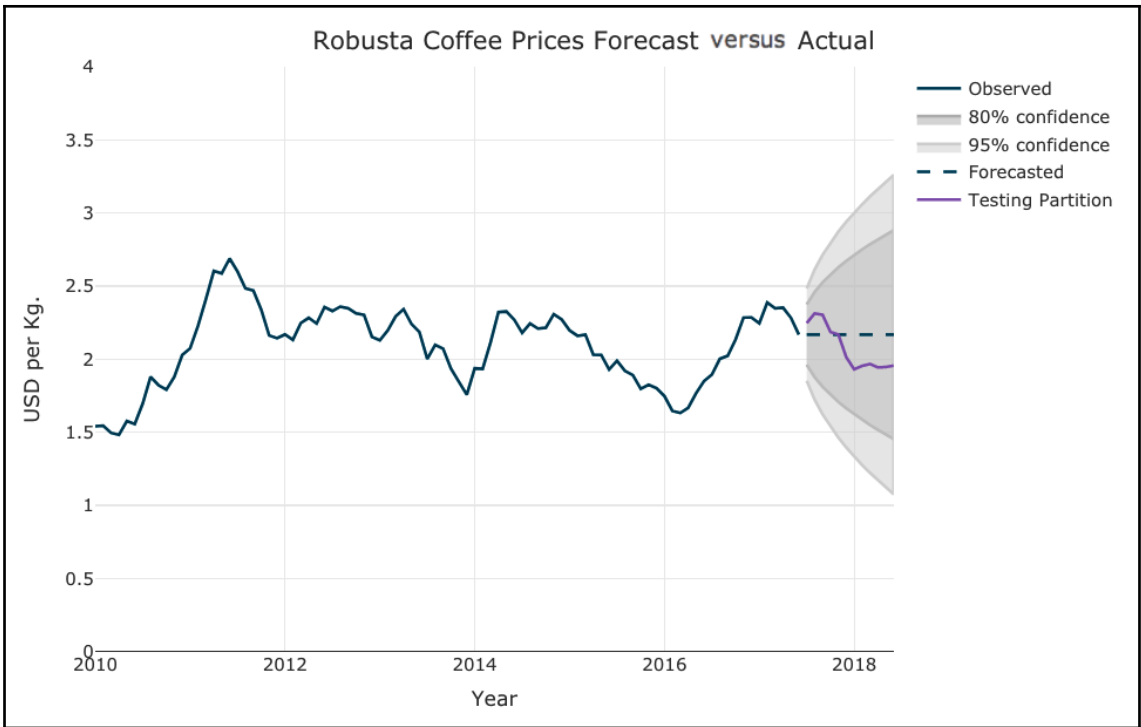


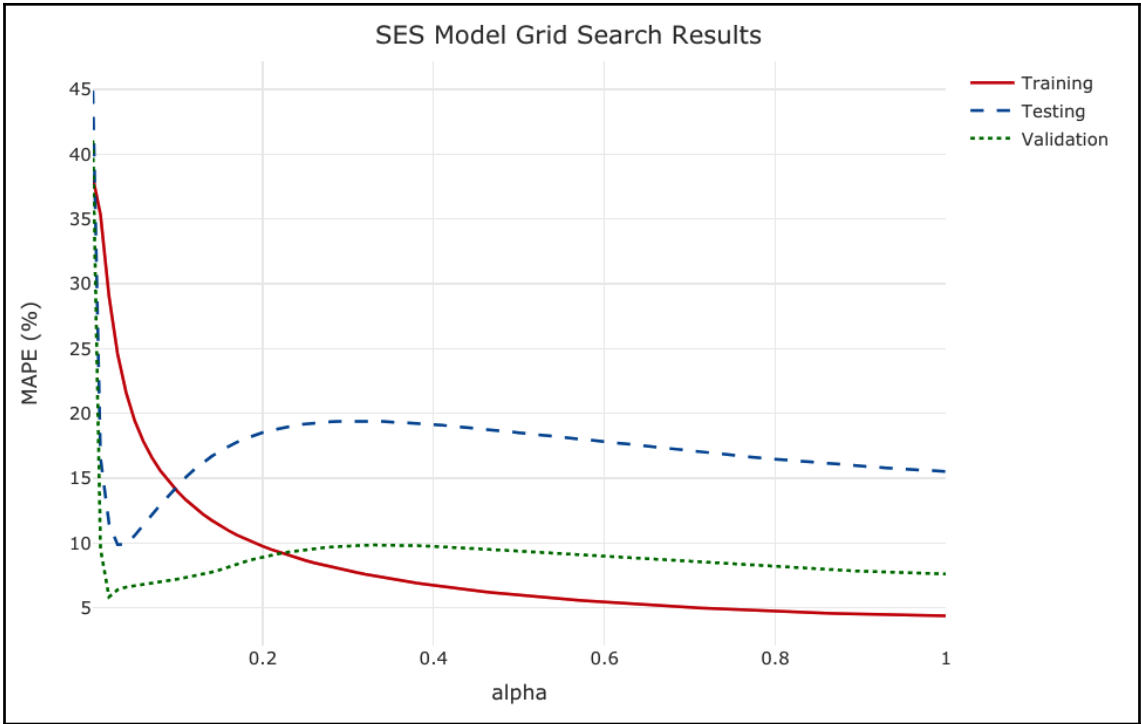


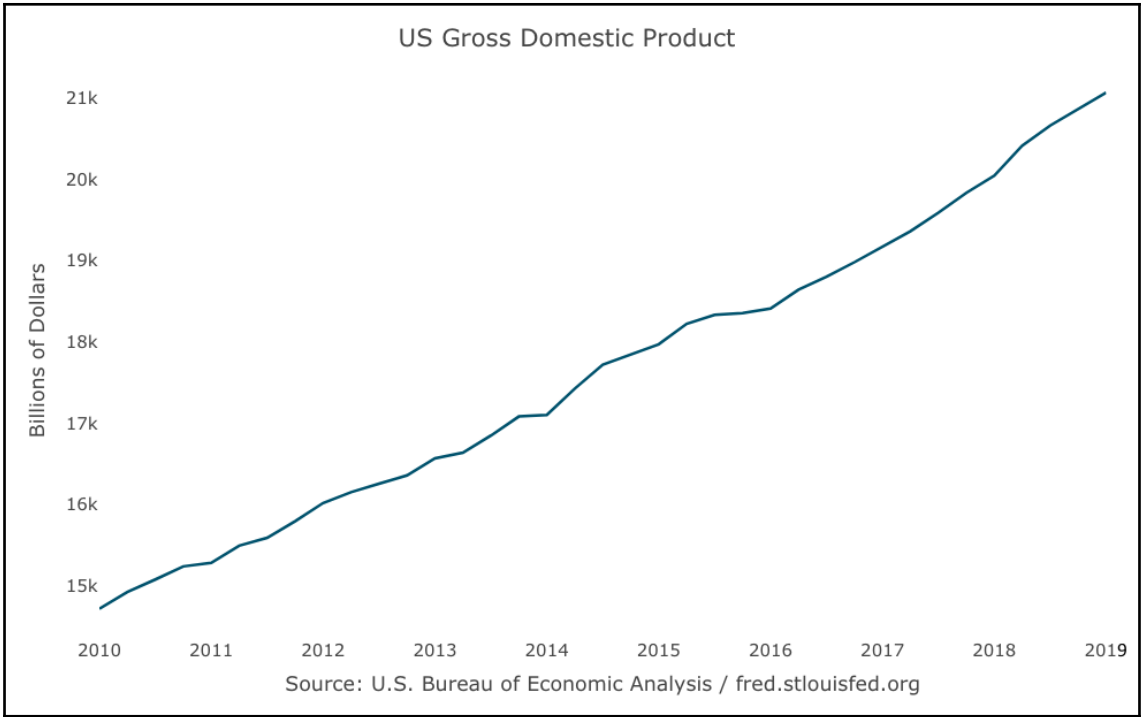


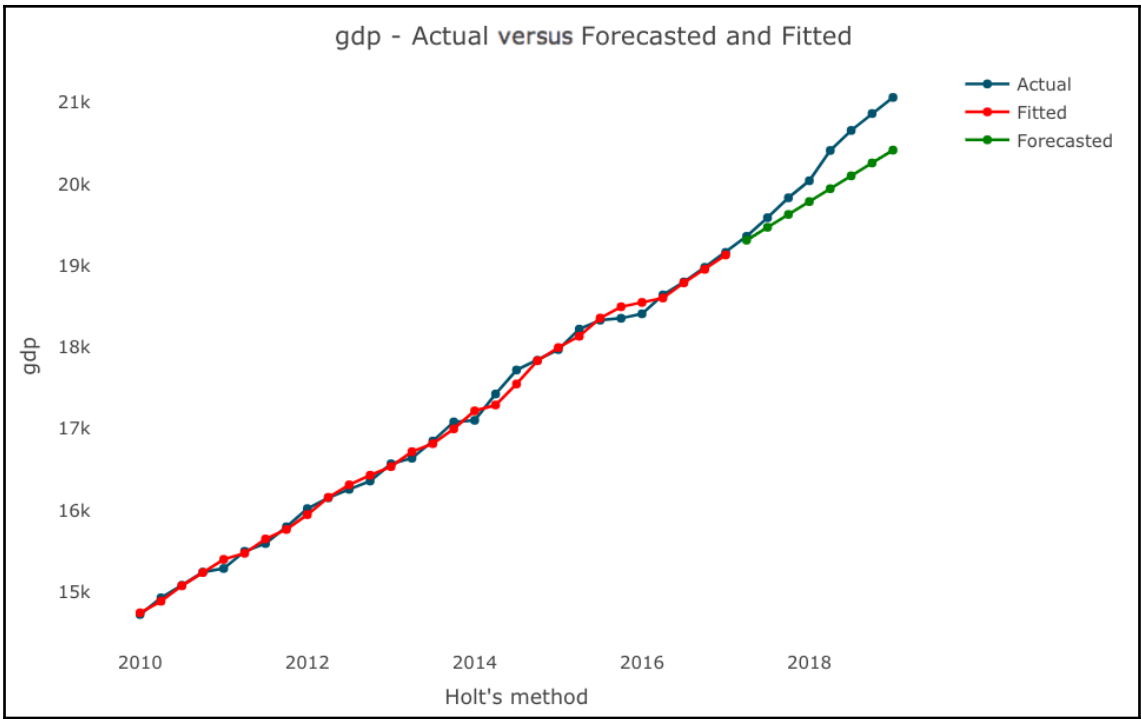


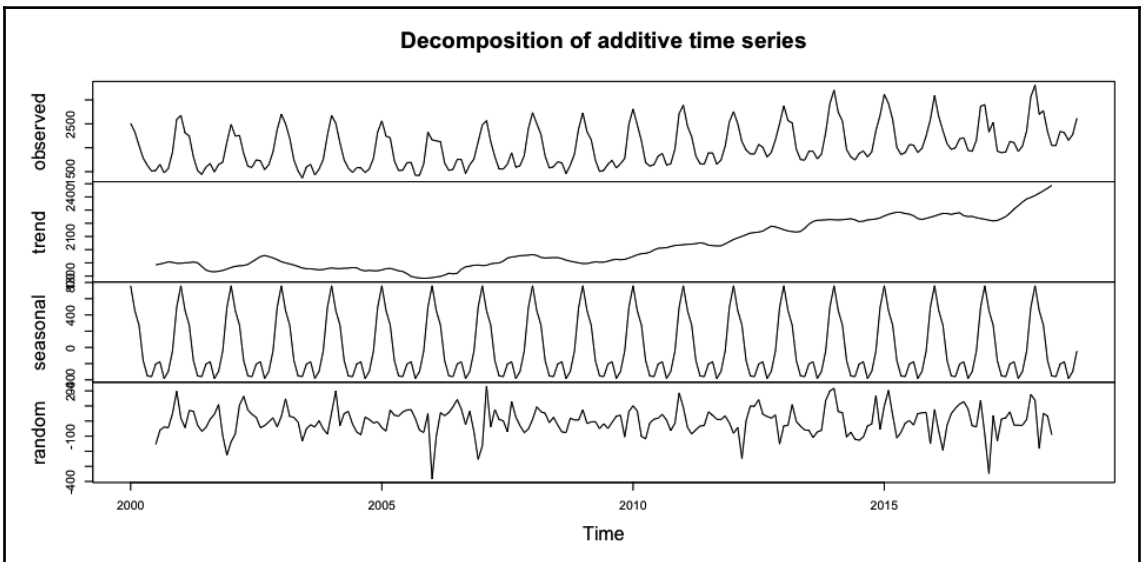
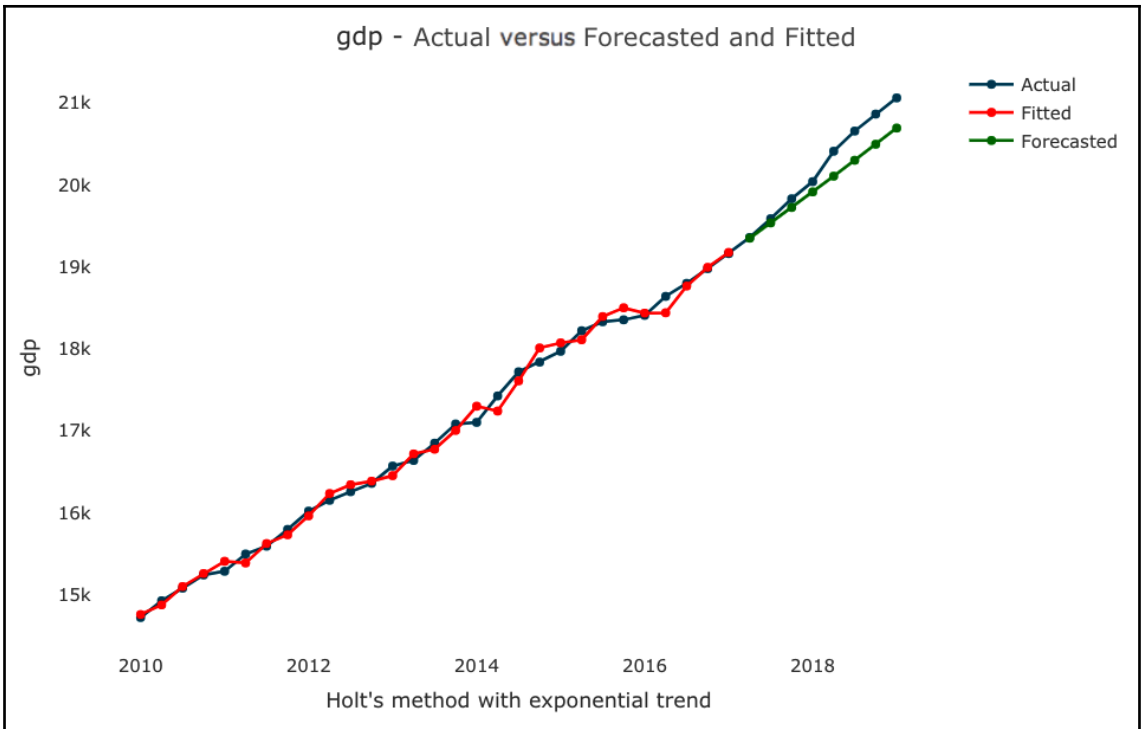


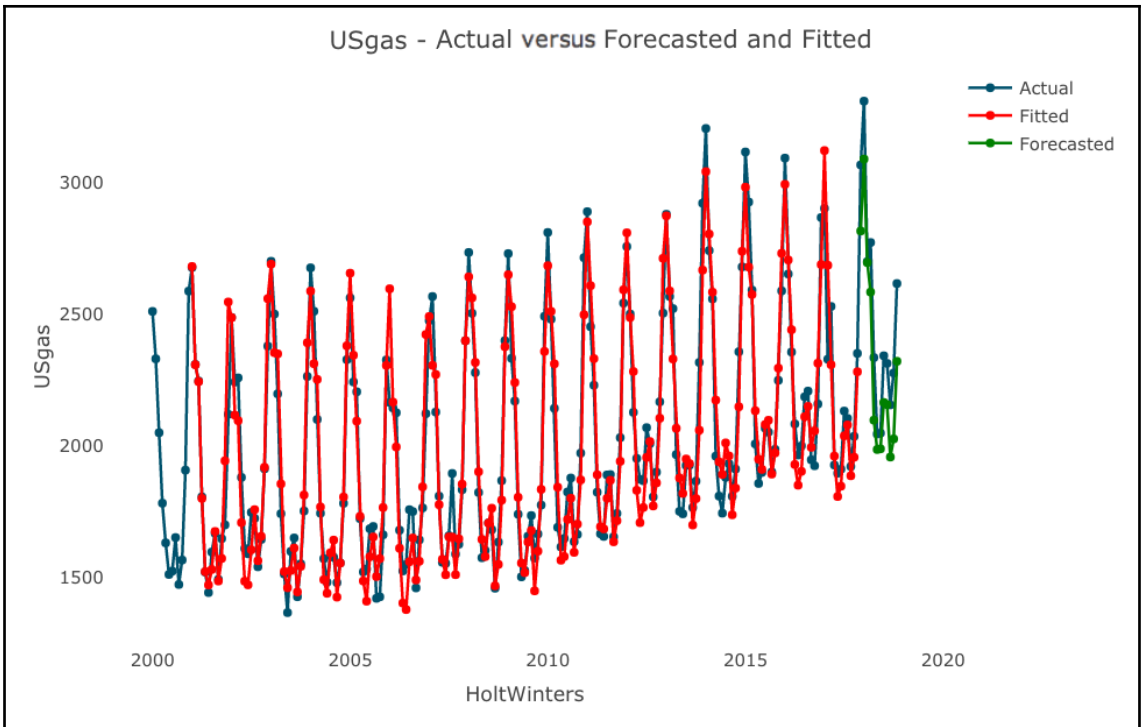


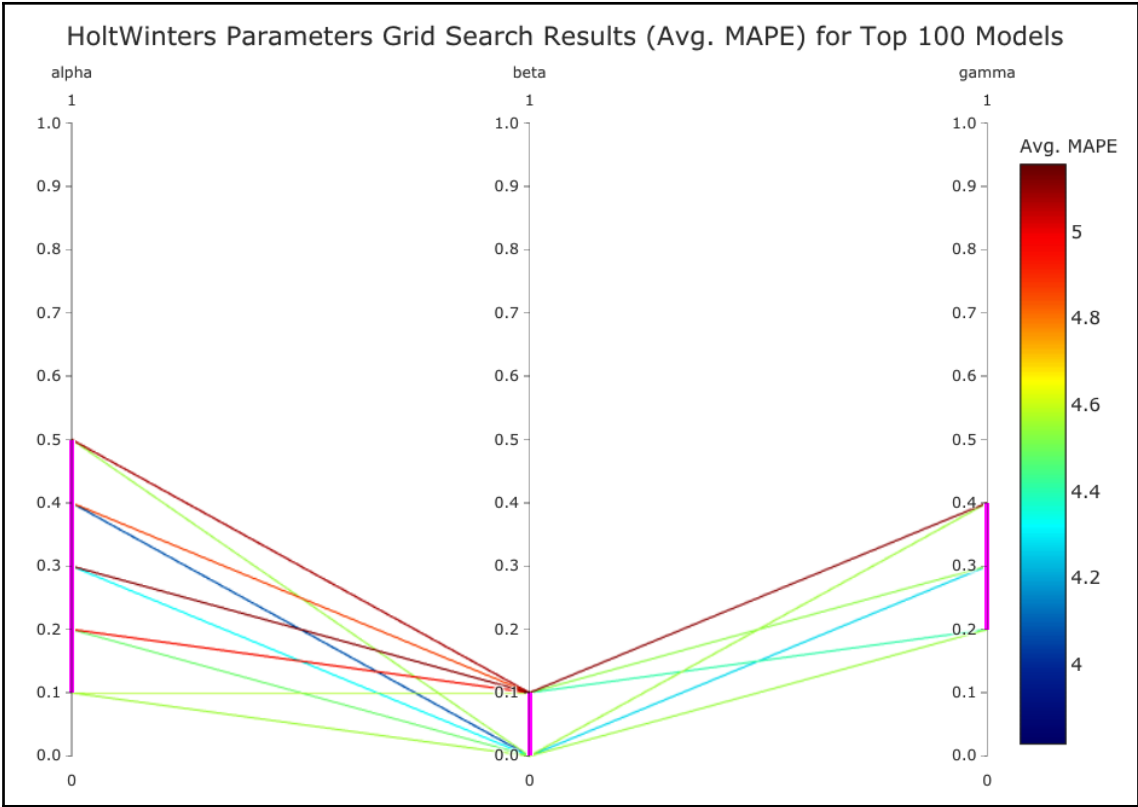


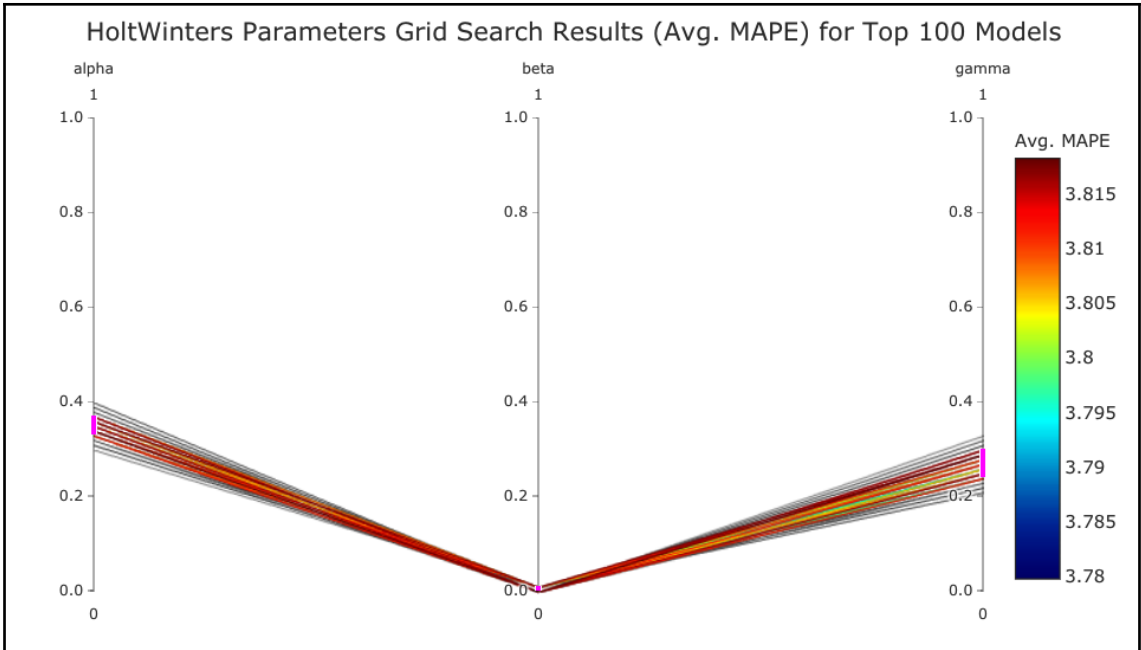




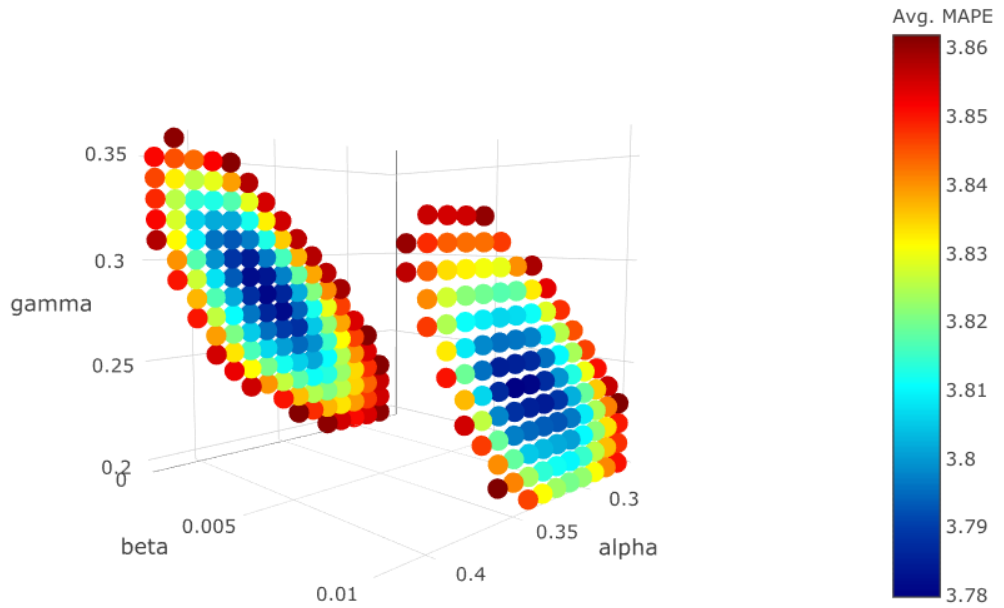


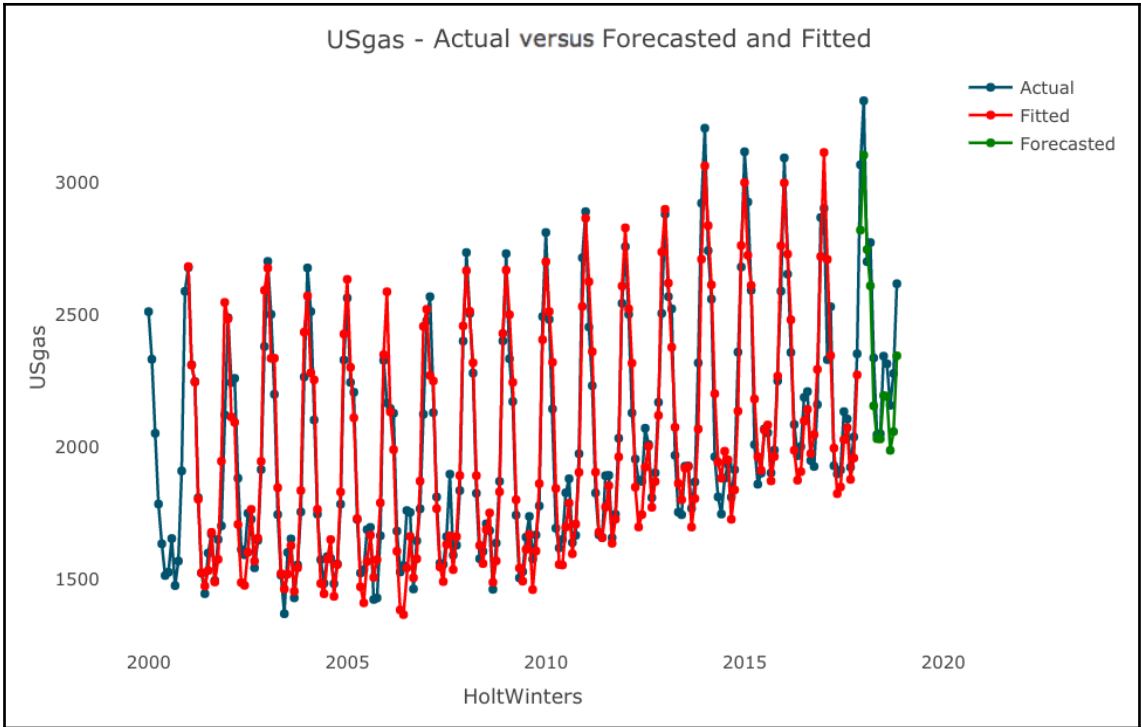




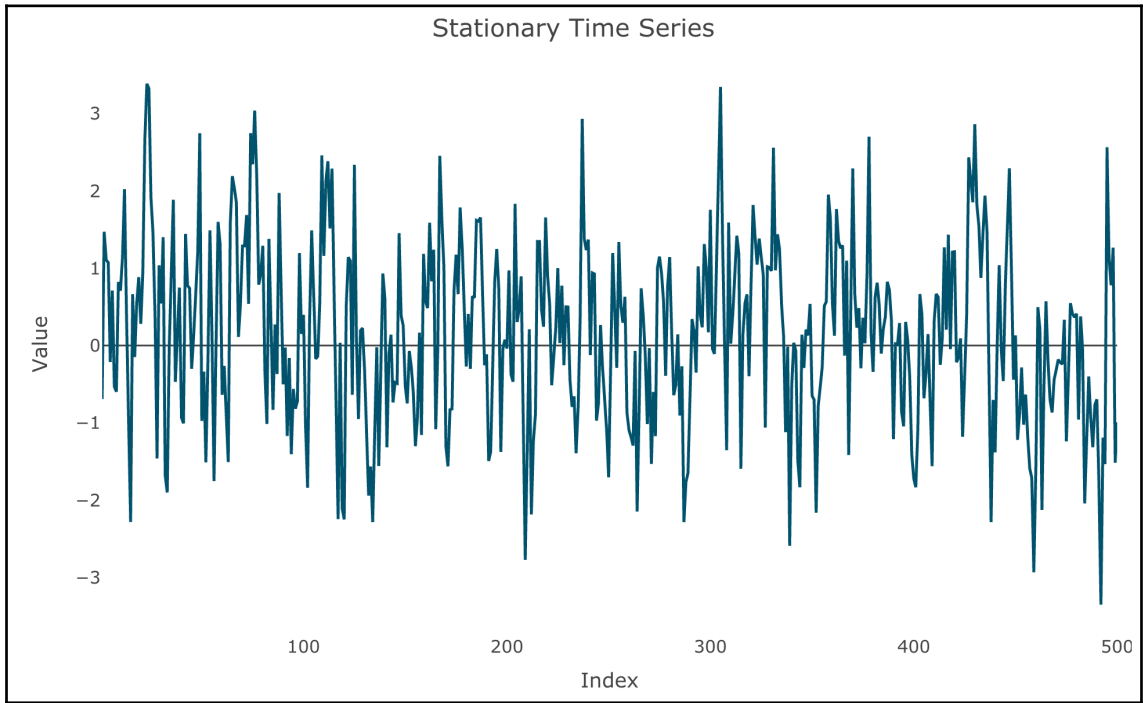


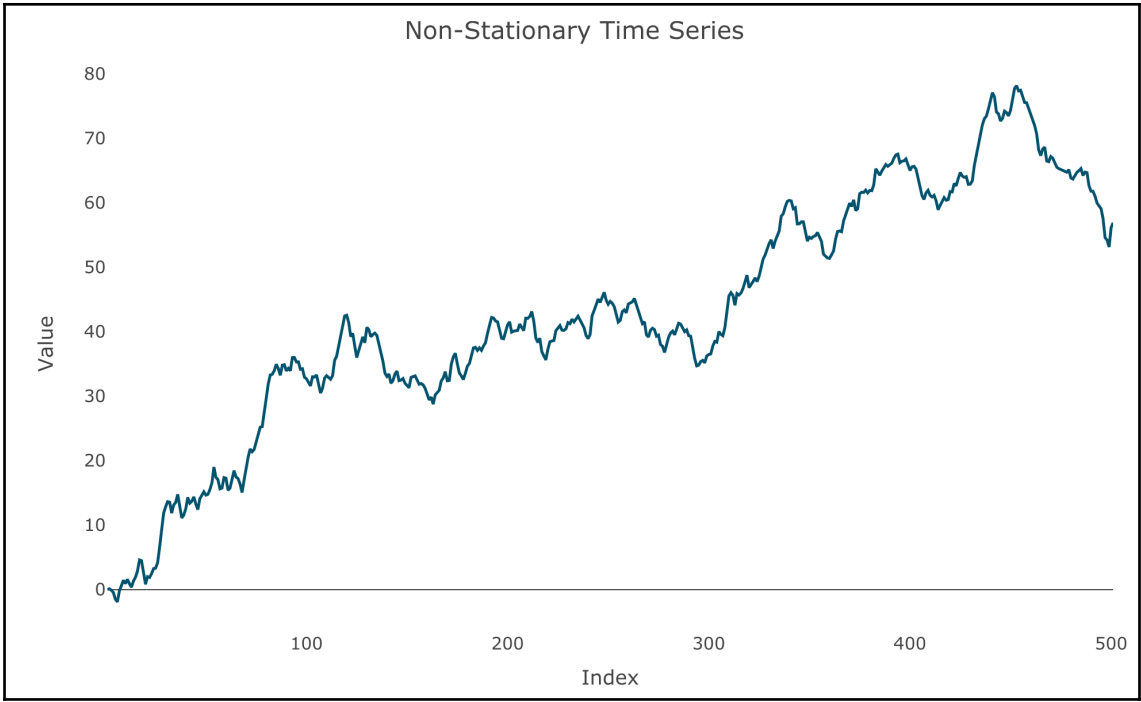
HoltWinters Parameters Grid Search Results (Avg. MAPE) for Top 250 Models

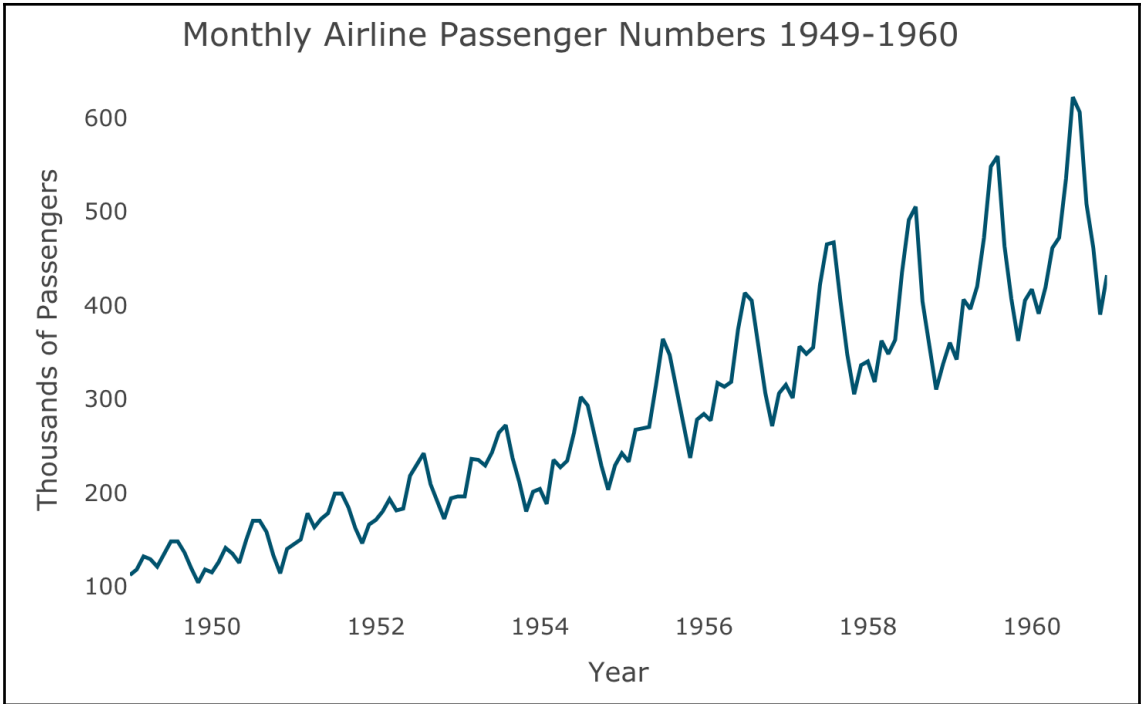


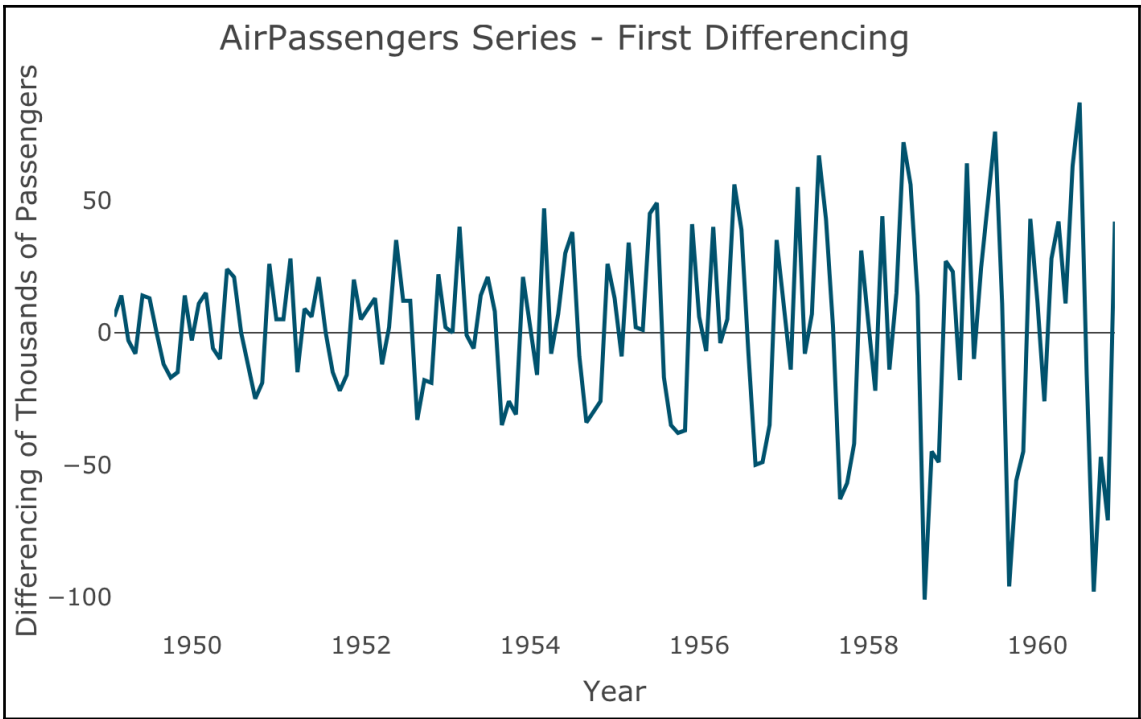


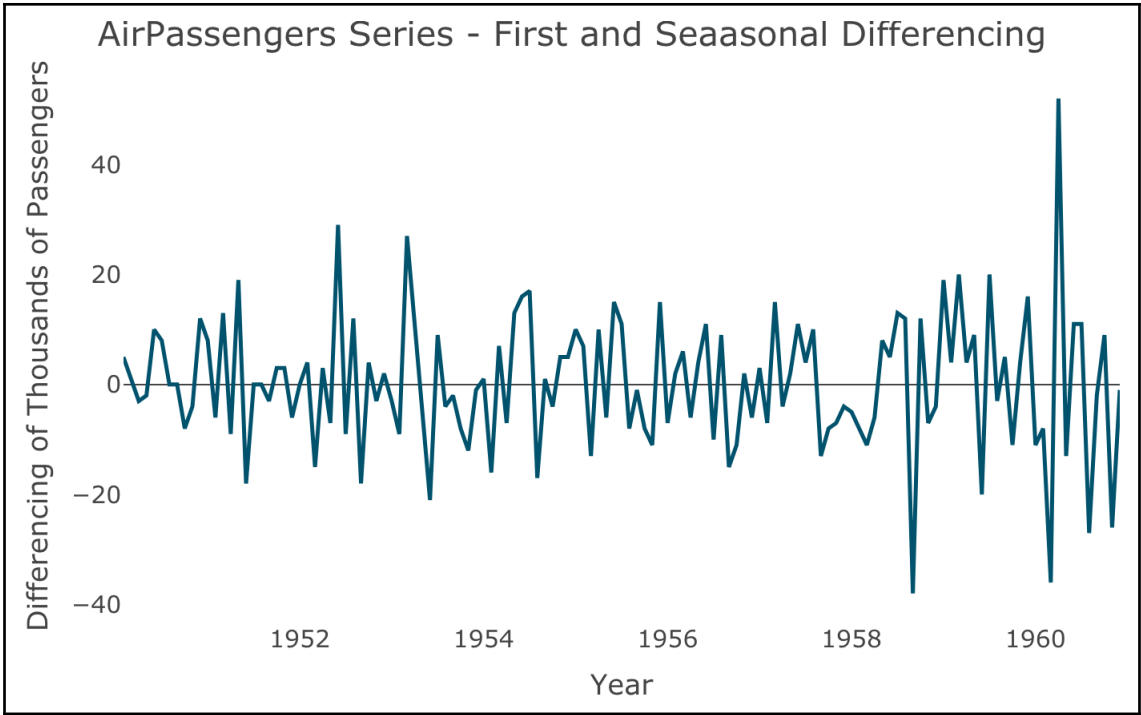
Chapter 11: Forecasting with ARIMA Models

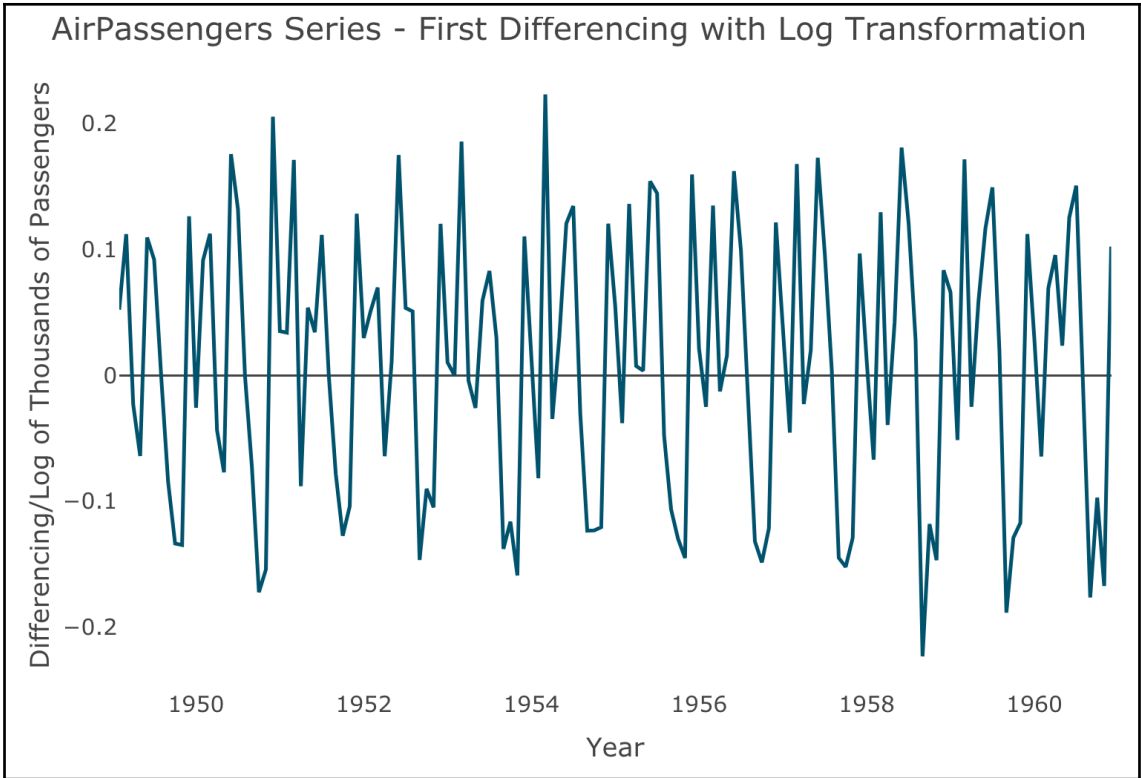


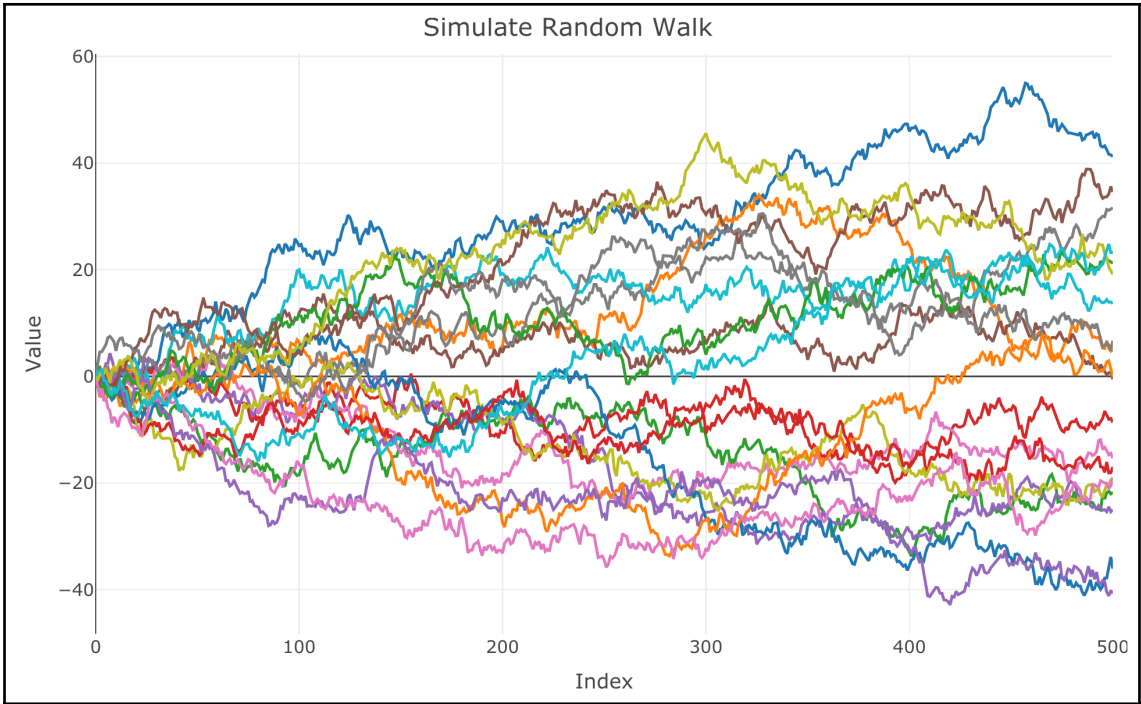


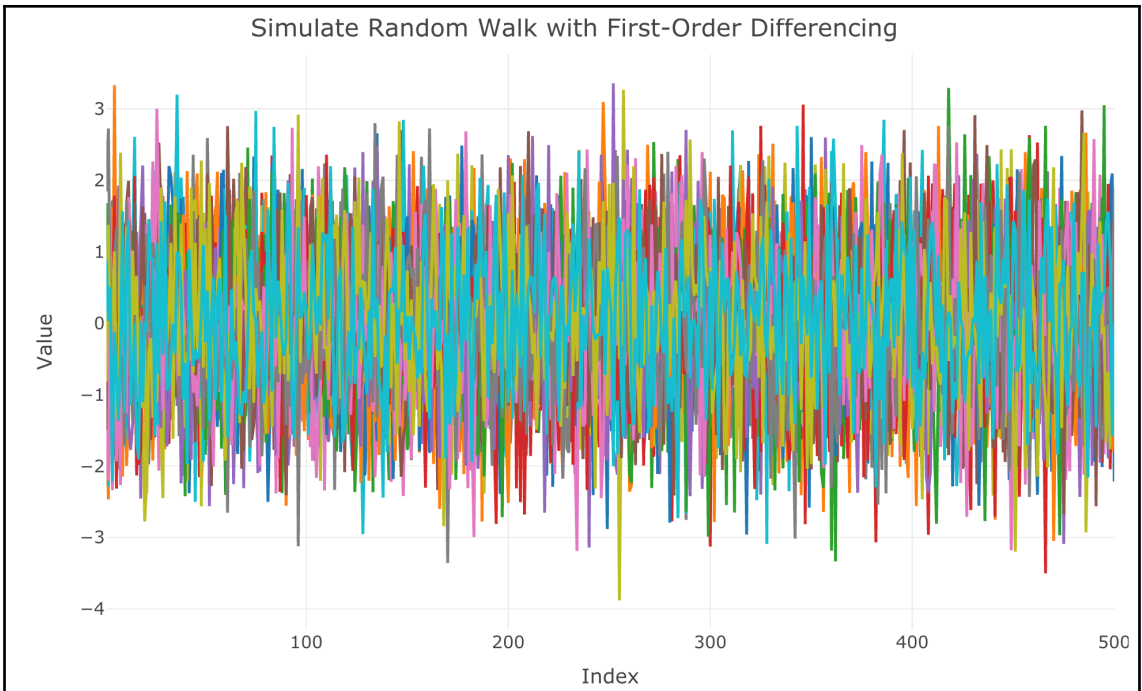


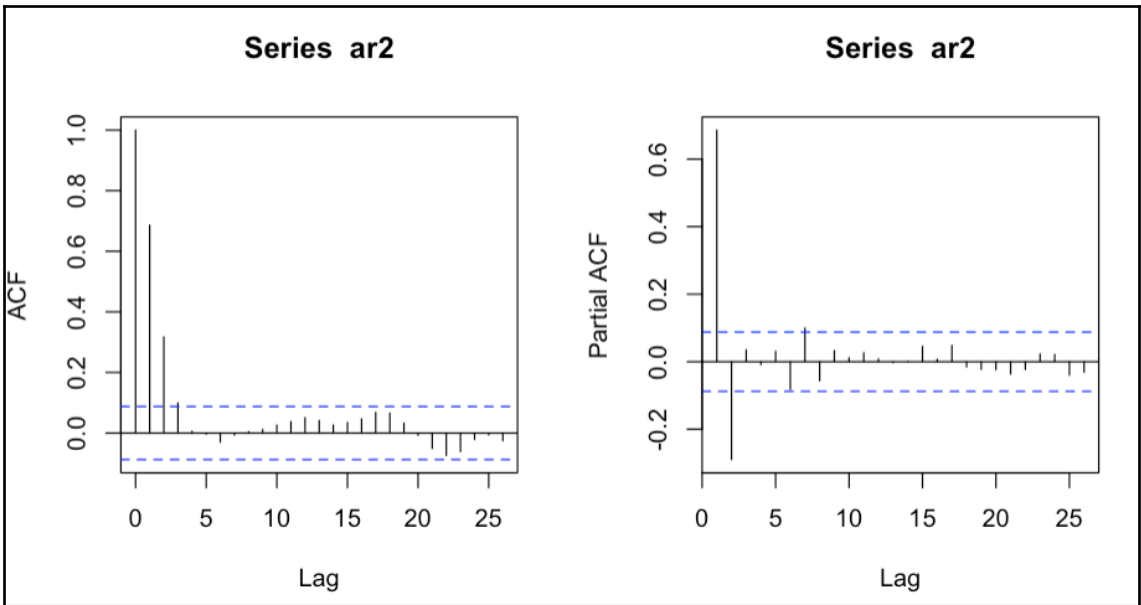
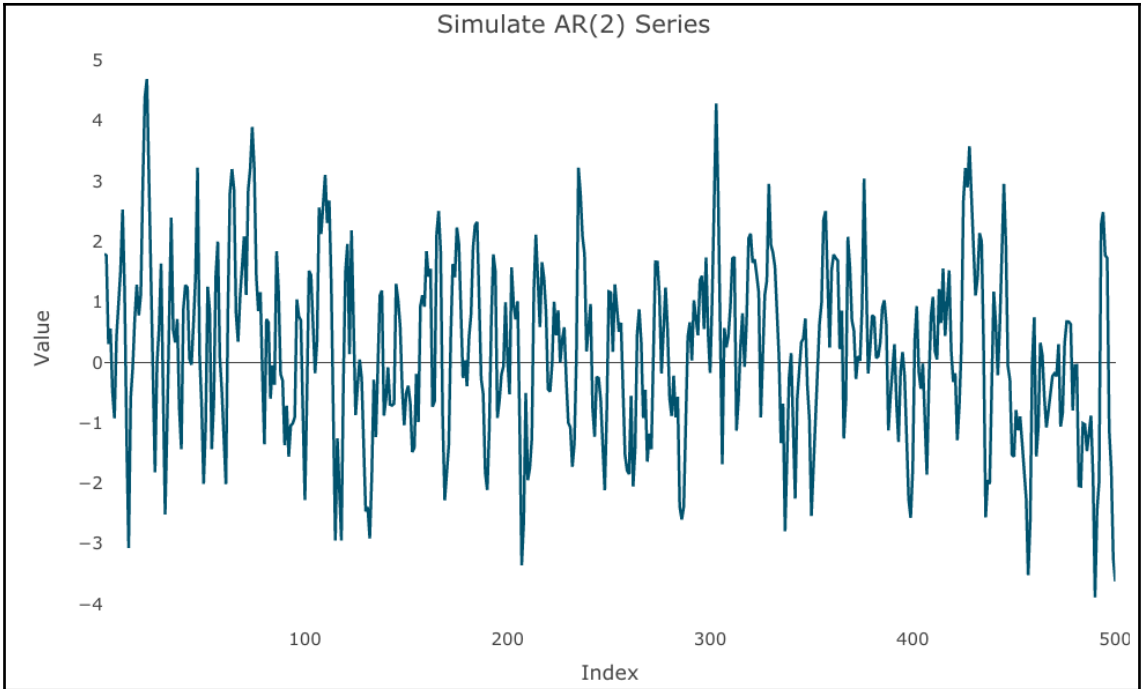


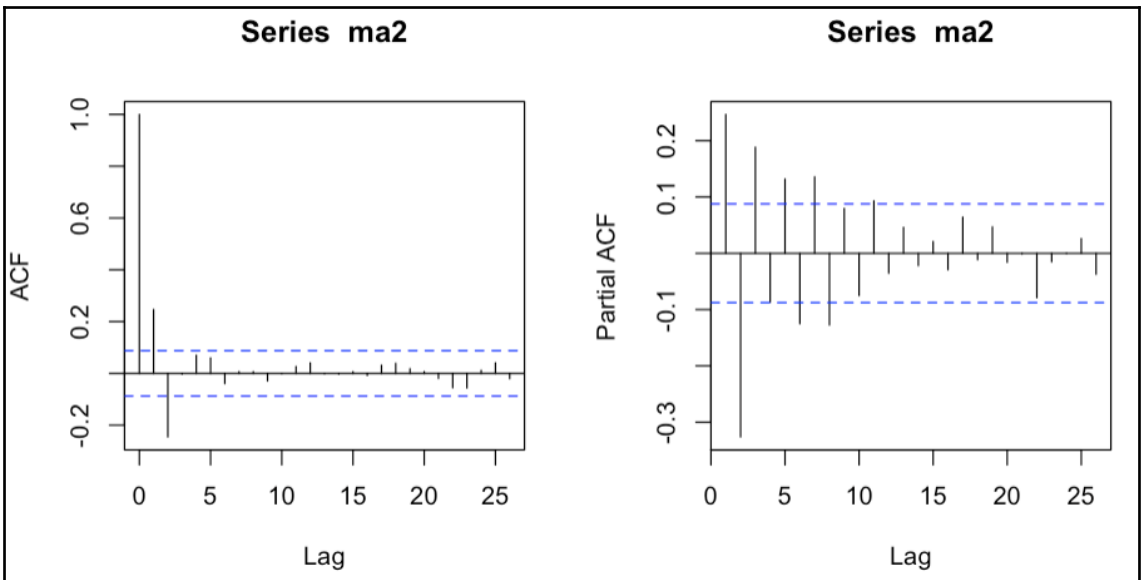
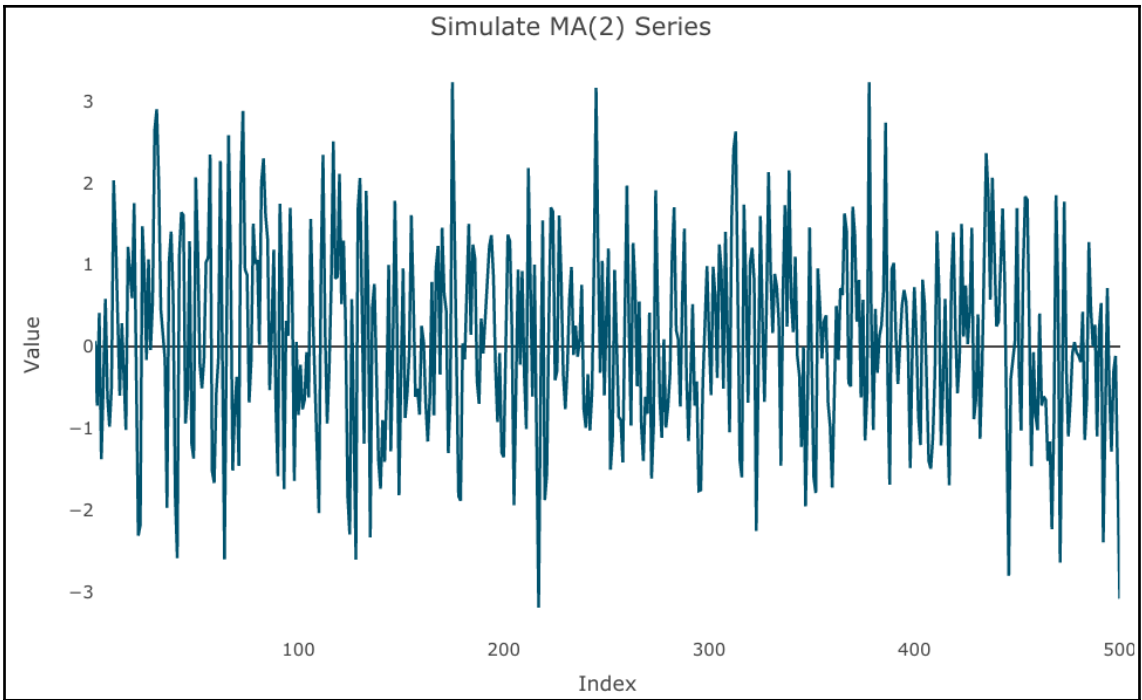


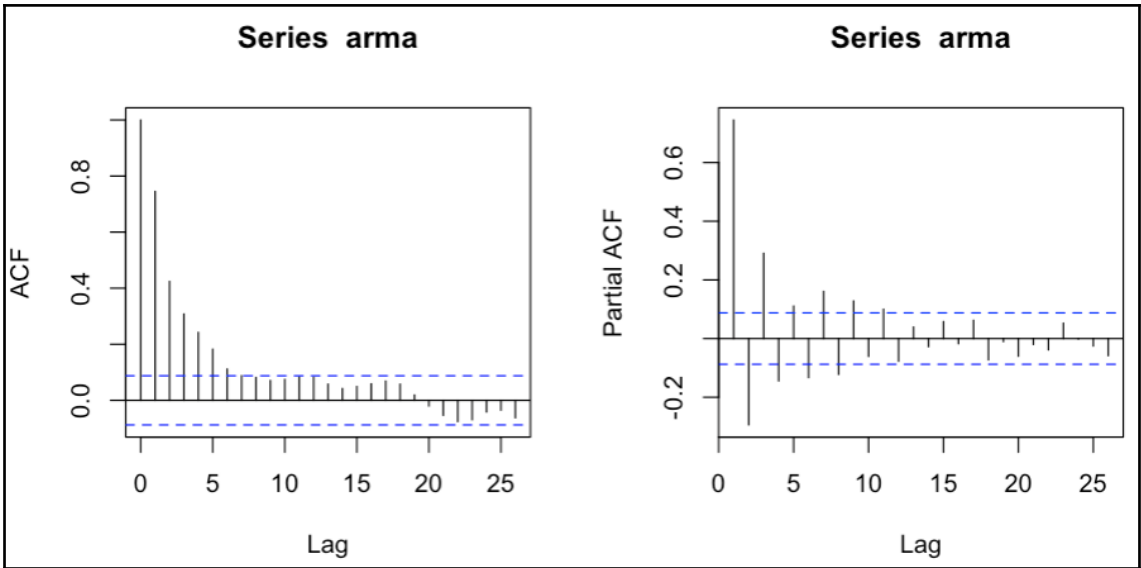
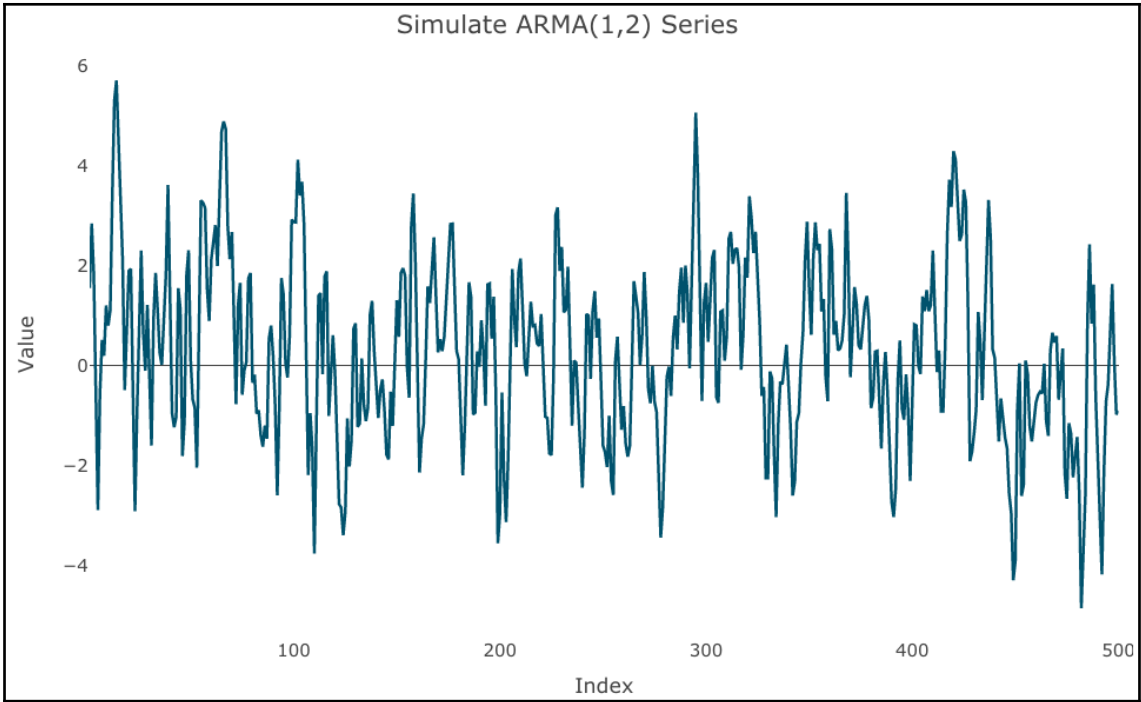


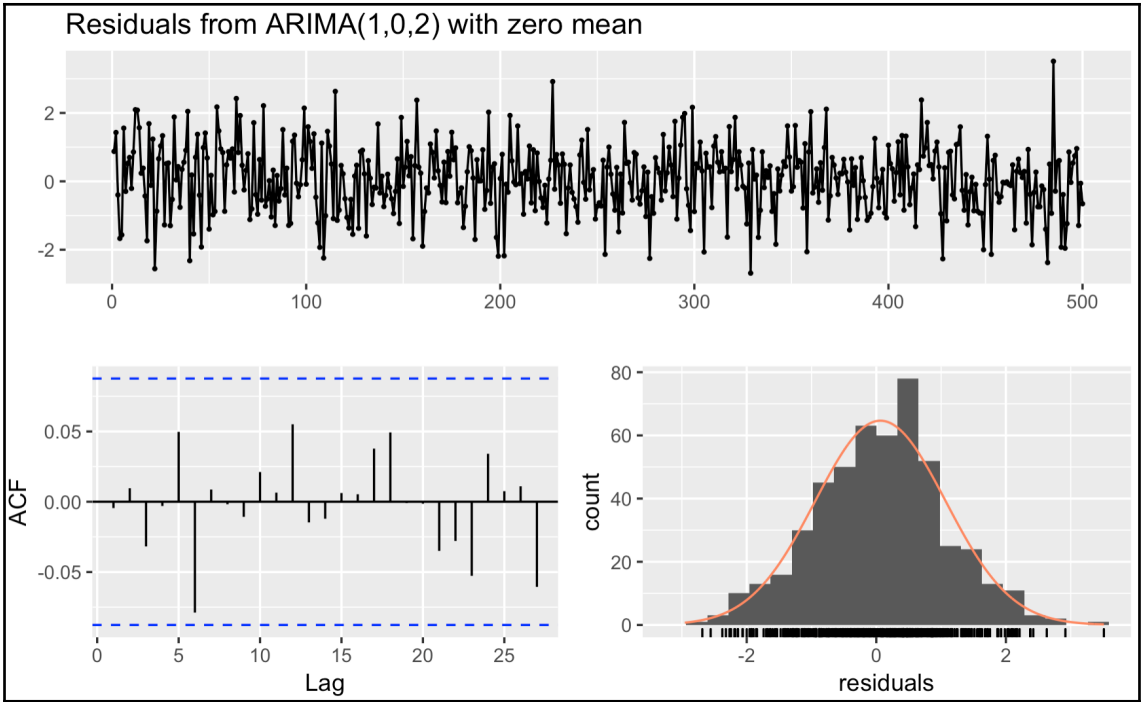


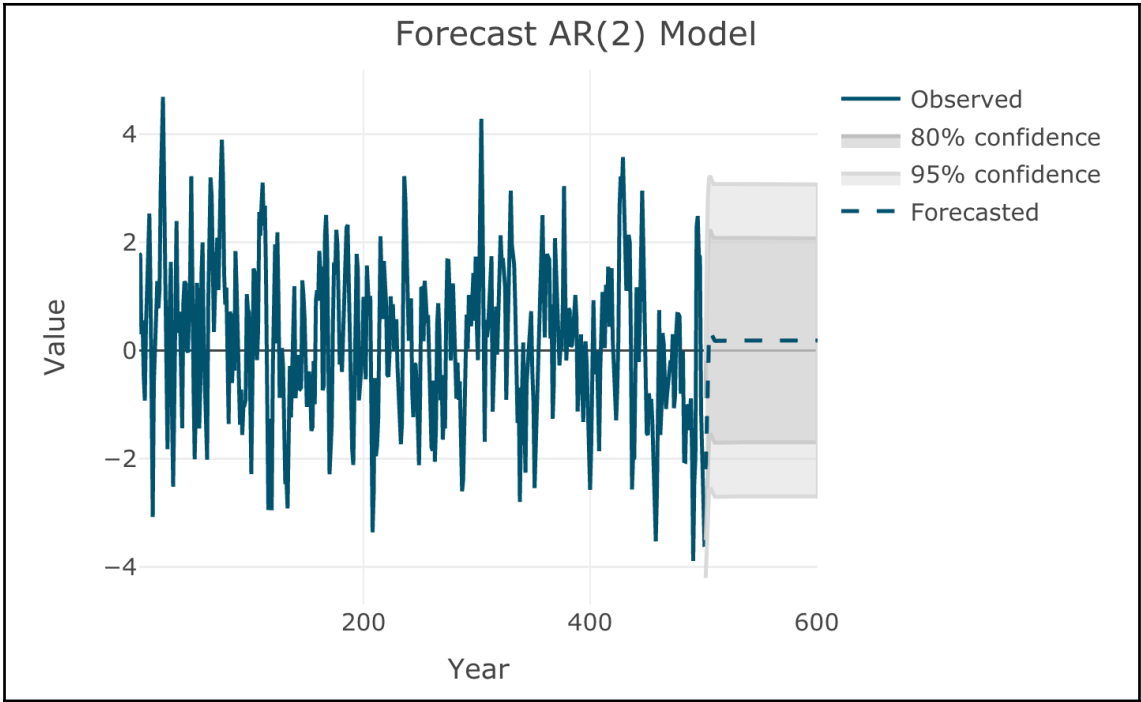


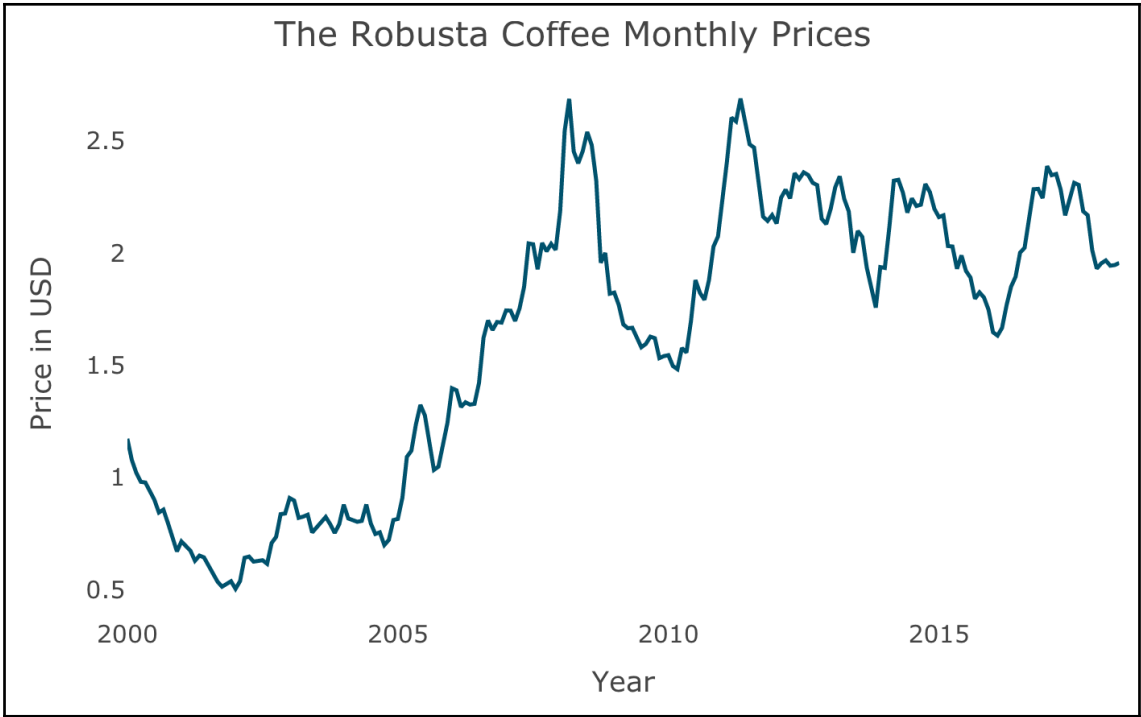


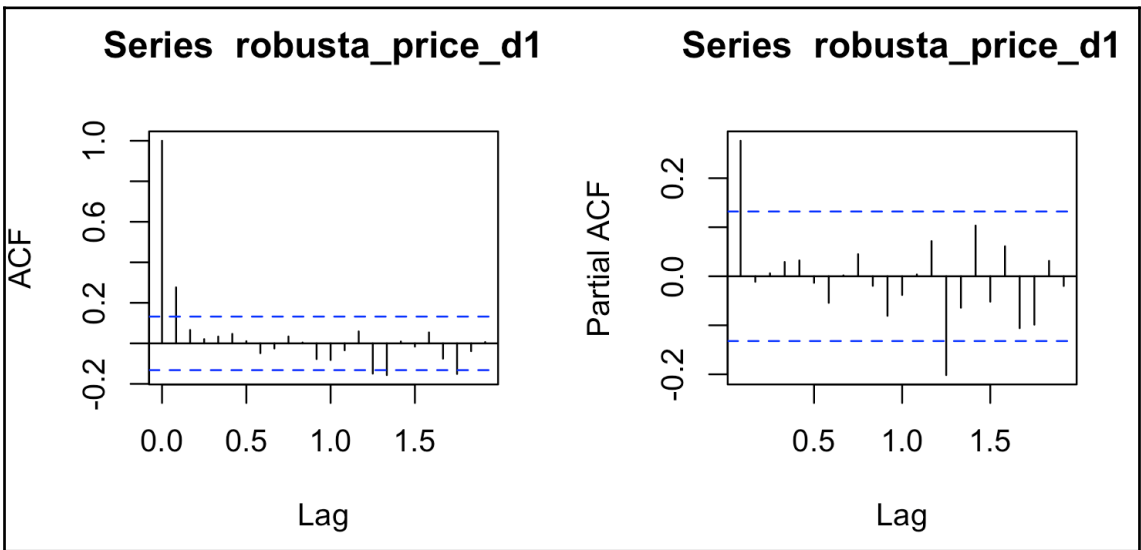
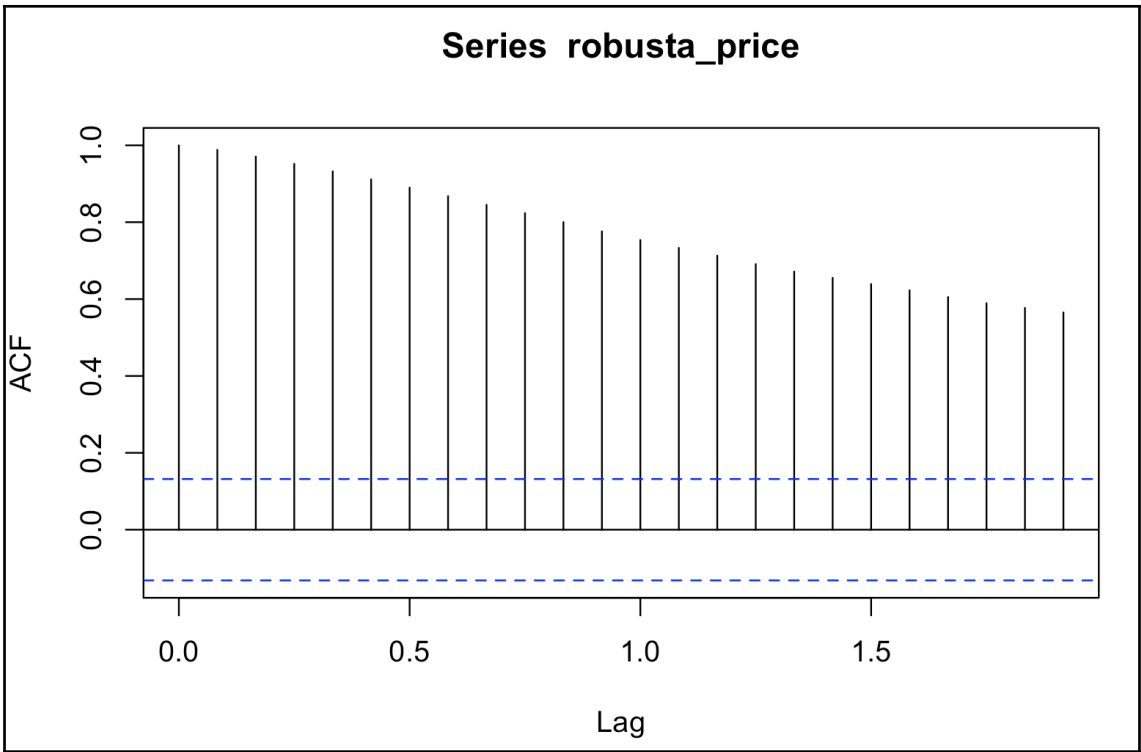


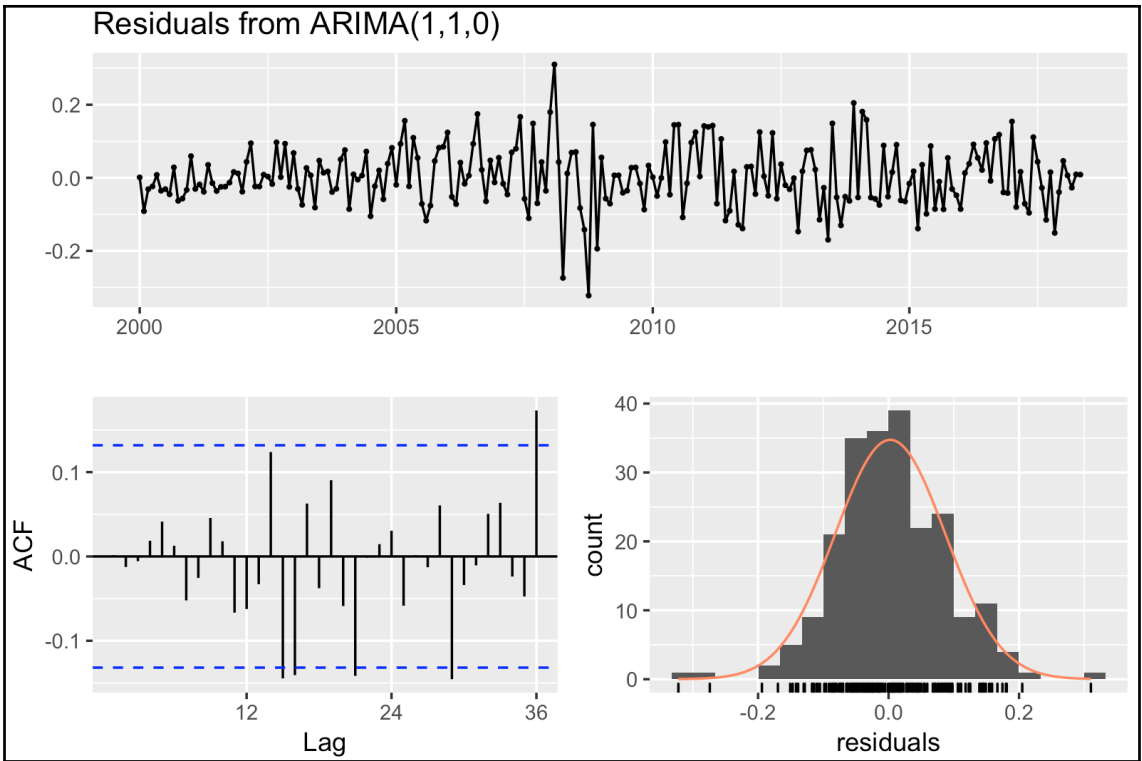


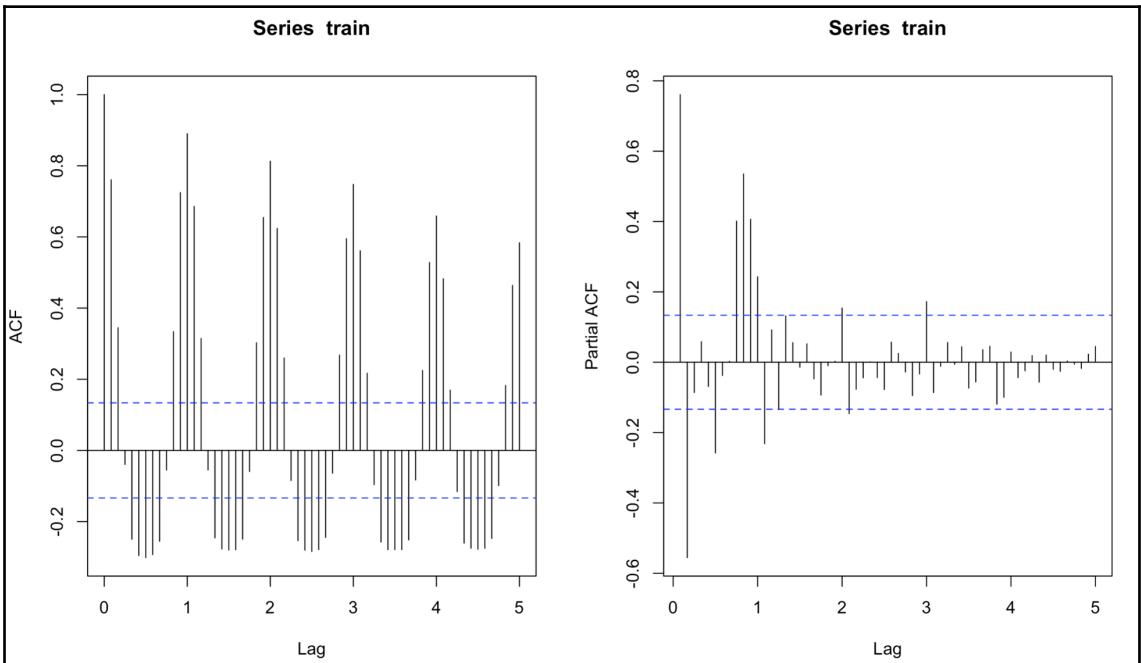
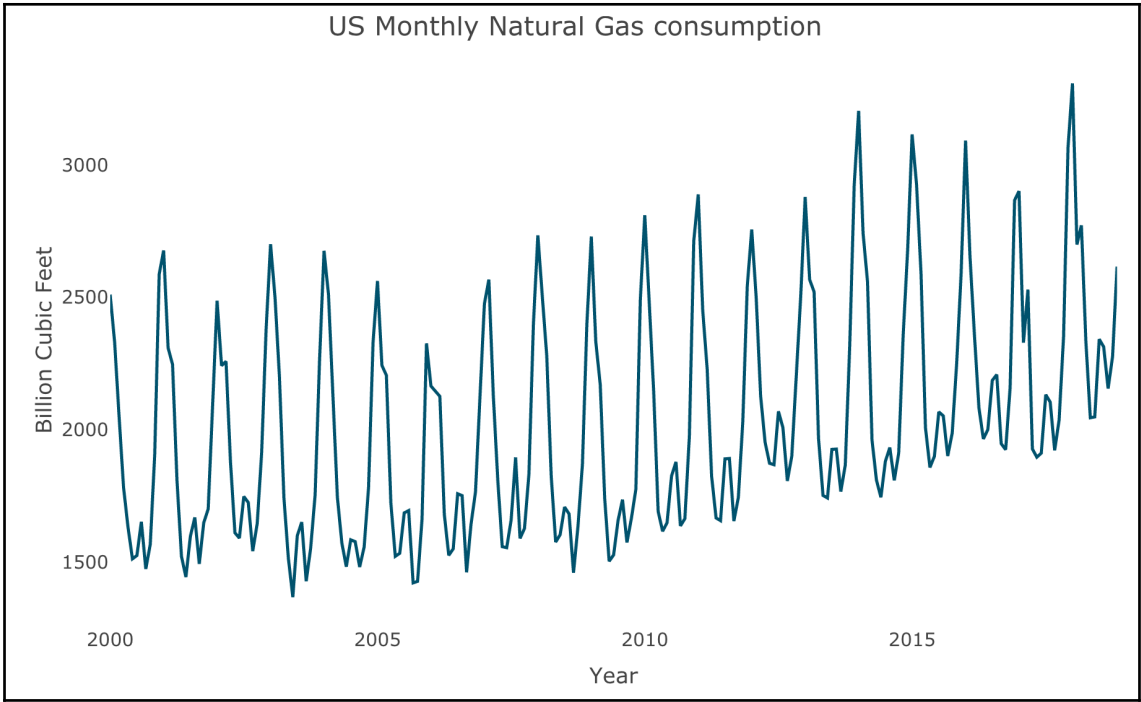


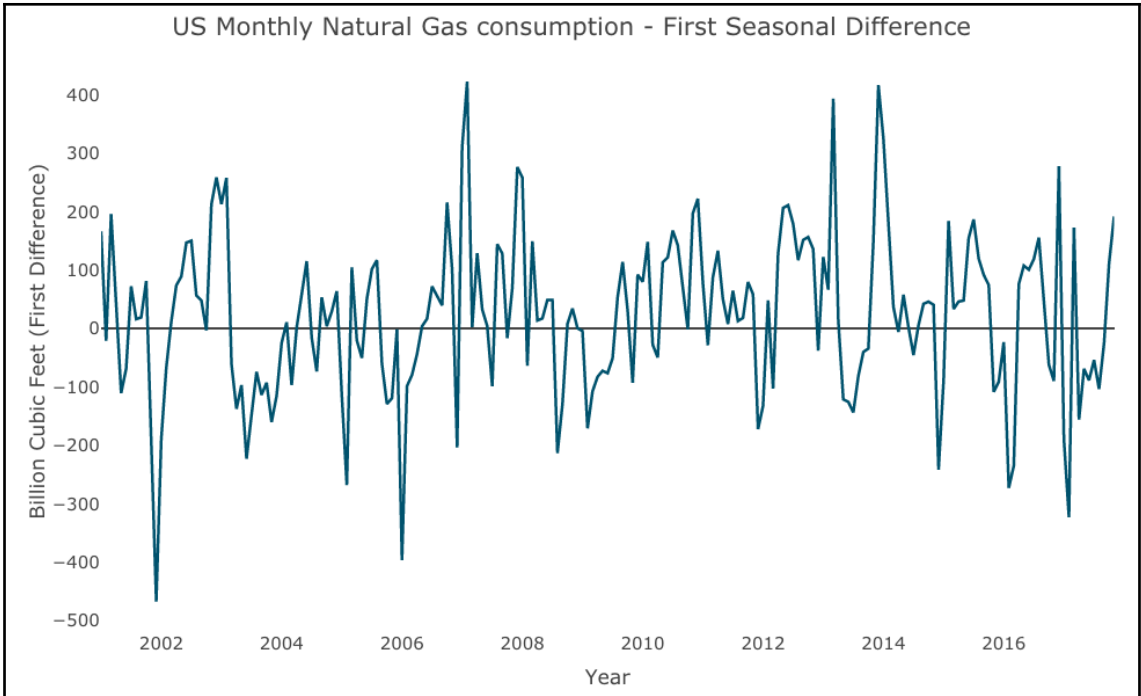


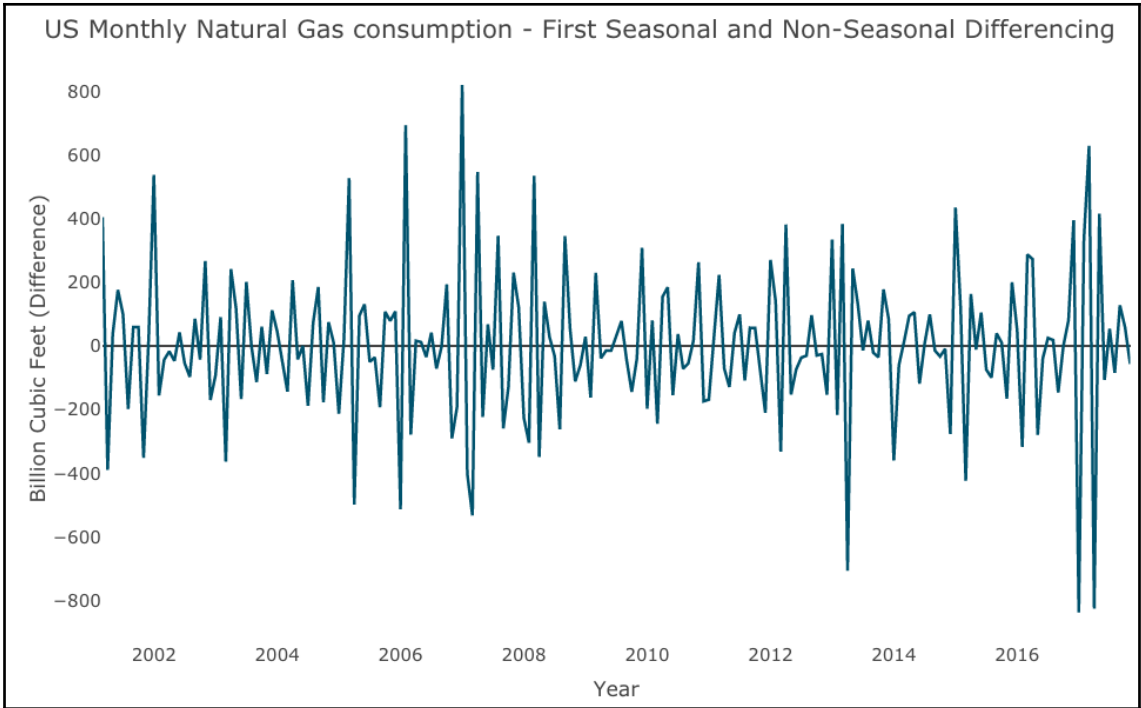


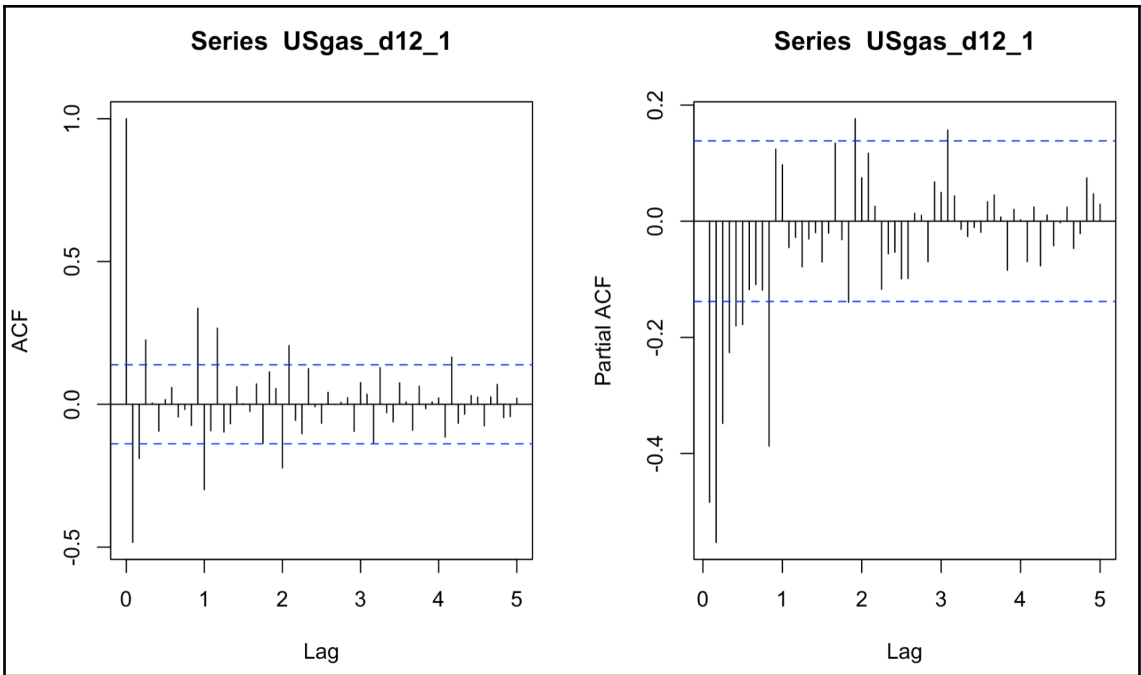


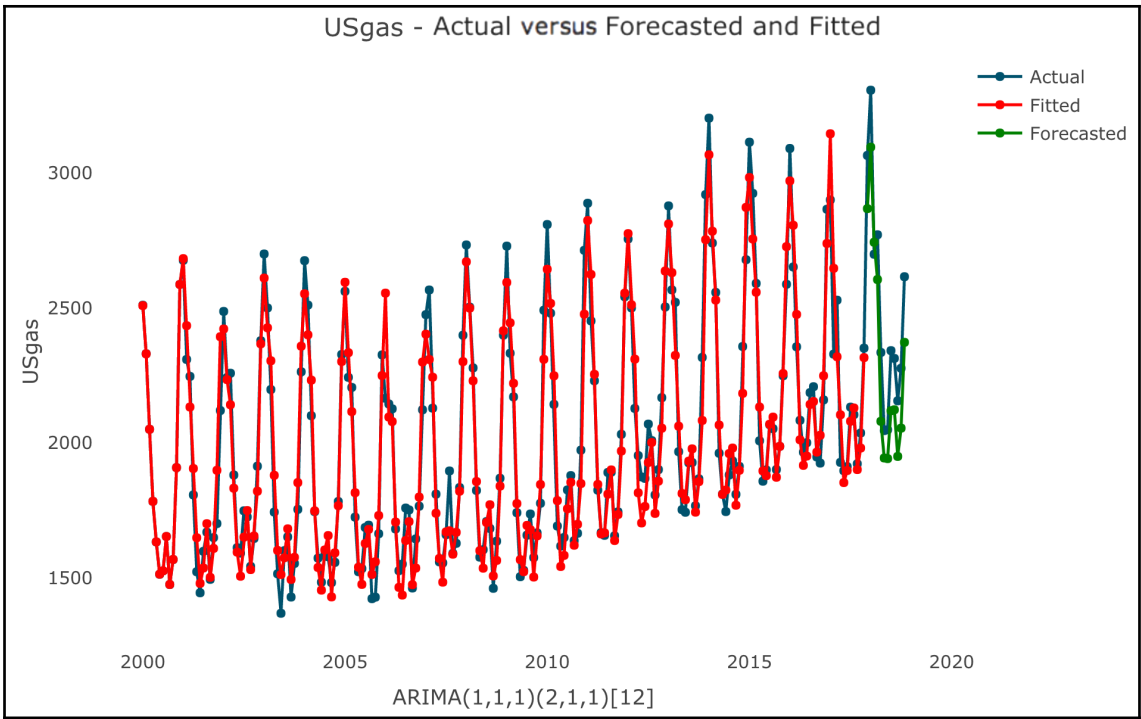


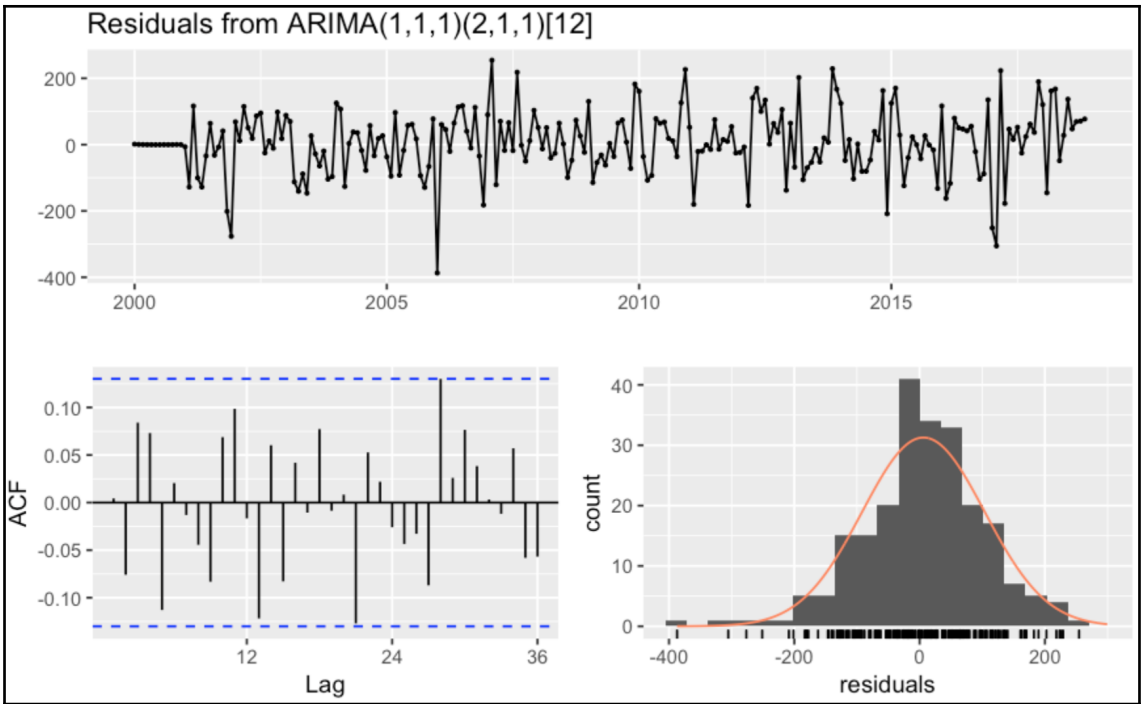


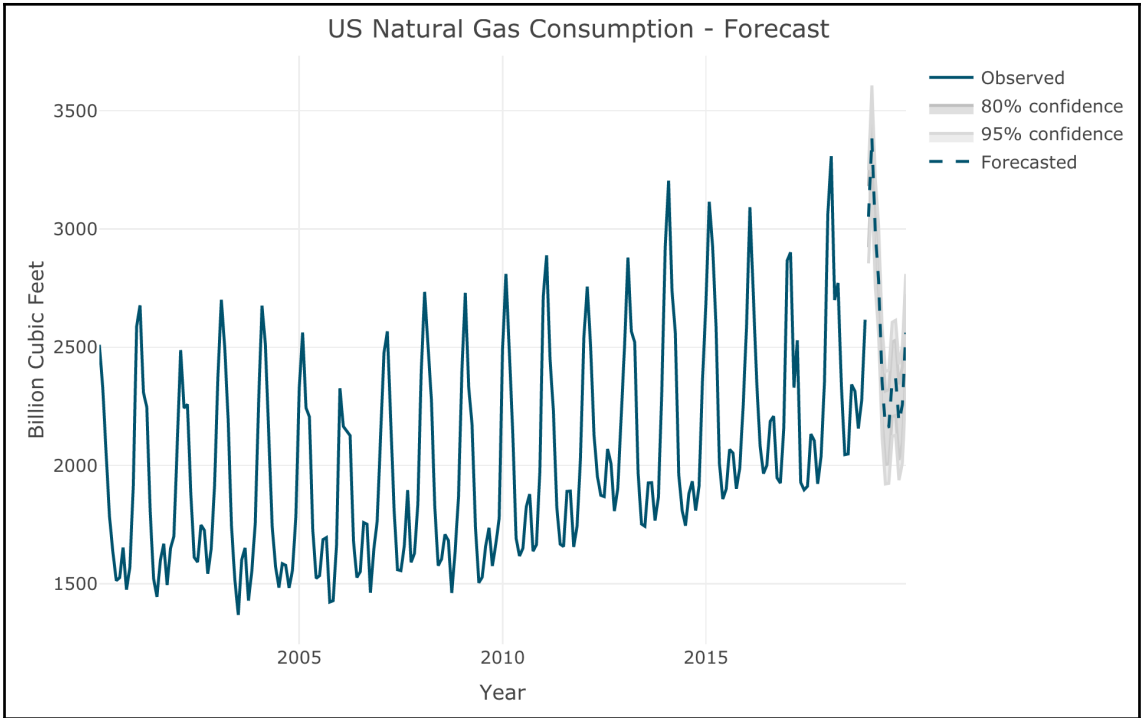


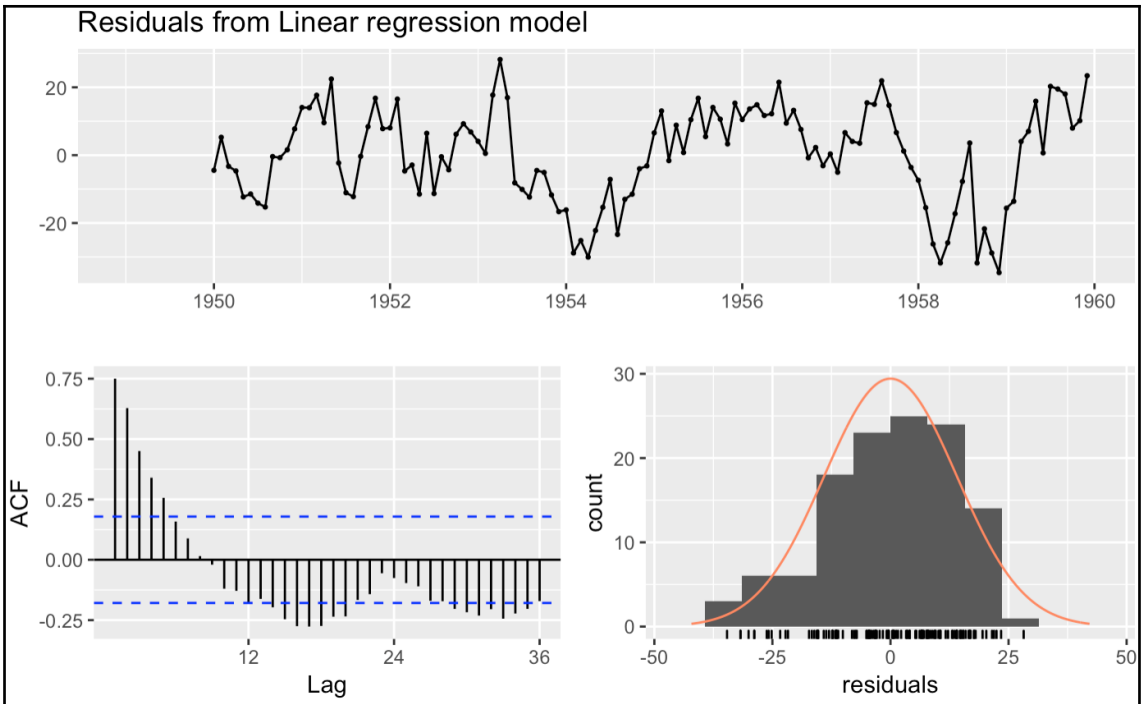


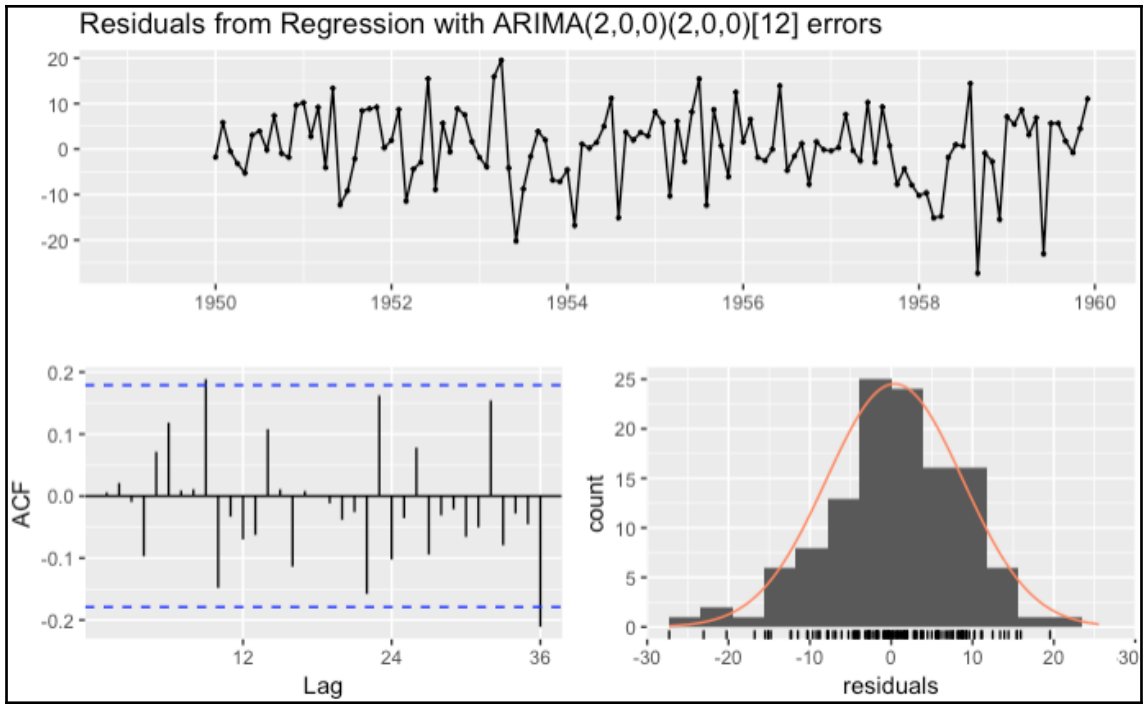












Chapter 12: Forecasting with Machine Learning Models

